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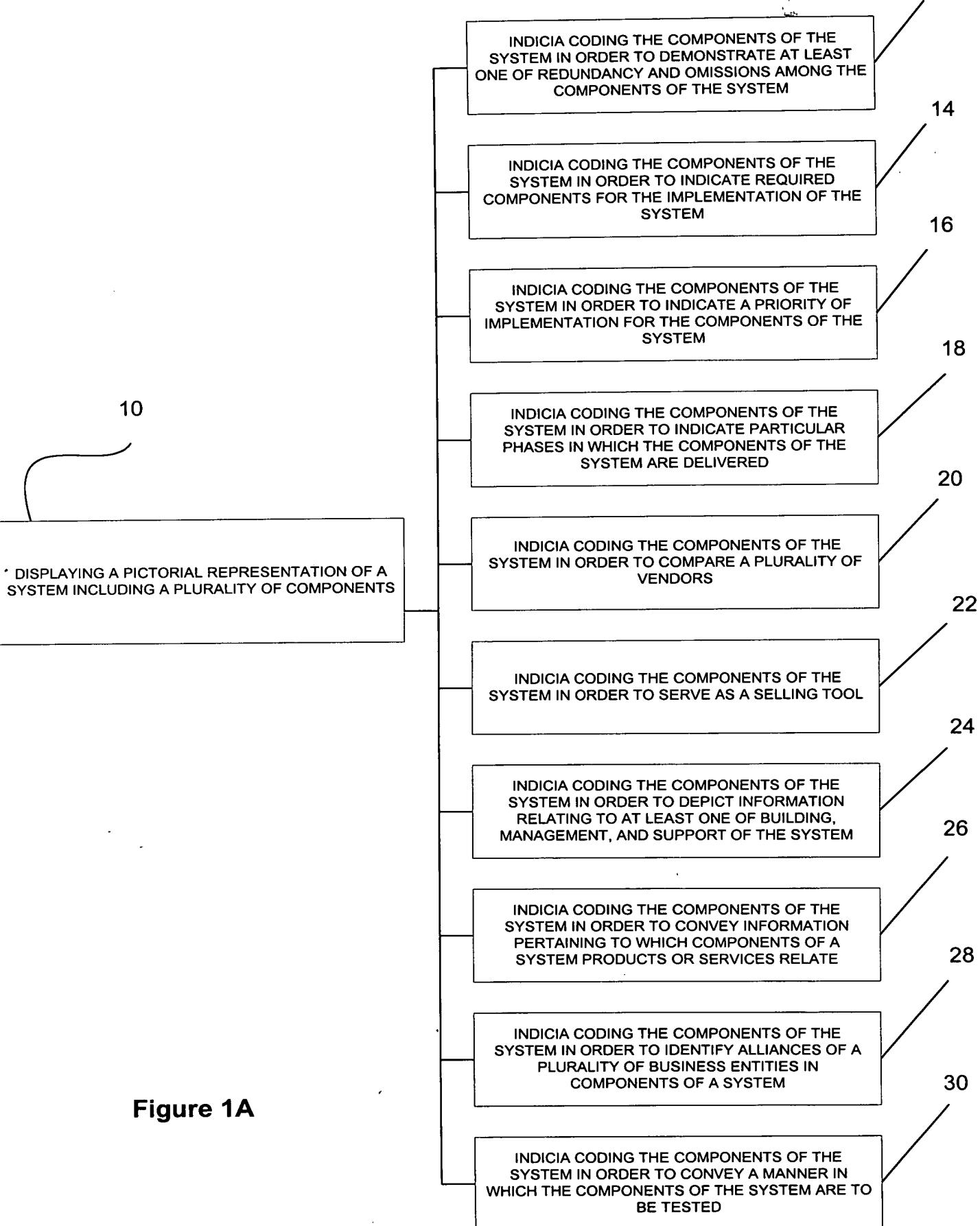
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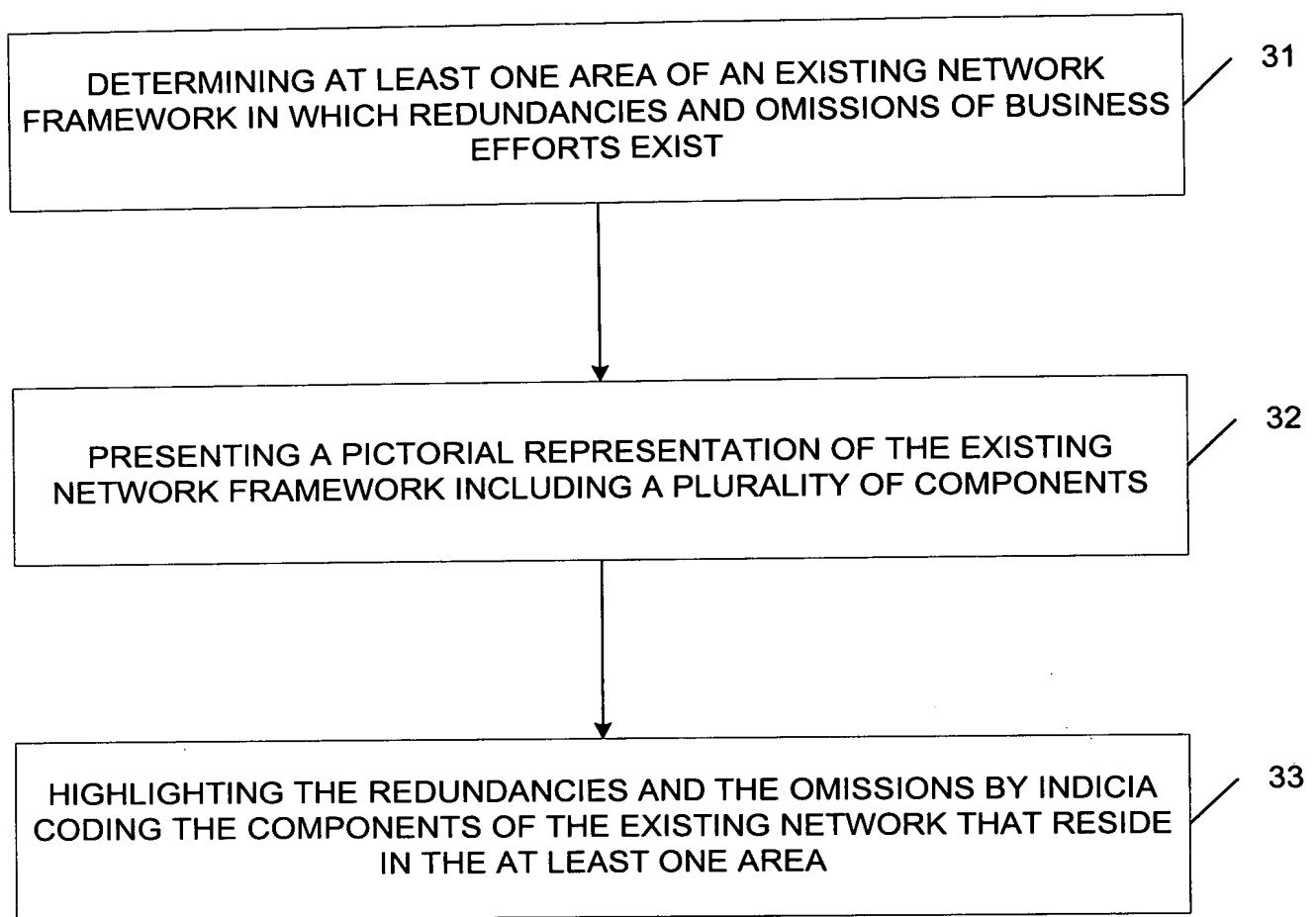
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0 9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0

Figure 1A





66250-12602E60
CREATING A DATABASE WHICH INCLUDES A LISTING OF ALL OF THE
COMPONENTS OF AN AREA OF AN EXISTING NETWORK FRAMEWORK

31a

CREATING A SECOND DATABASE WHICH INCLUDES A LISTING OF ALL
SERVICES PROVIDED BY VENDORS THAT CORRESPOND TO THE
COMPONENTS OF THAT AREA OF THE FRAMEWORK

31b

COMPARING THE LISTING OF THE COMPONENTS WITH THE LISTING OF
THE VENDOR SERVICES CORRESPONDING TO THOSE COMPONENTS

31c

CREATING A LISTING OF COMPONENTS NOT BEING PROVIDED BY A
VENDOR SERVICE

31d

CREATING A LISTING OF COMPONENTS BEING PROVIDED BY MORE
THAN ONE VENDOR SERVICE

31e

Figure 1B-1

DISPLAYING A PICTORIAL REPRESENTATION OF A SYSTEM INCLUDING
A PLURALITY OF COMPONENTS

34

INDICIA CODING THE COMPONENTS OF THE SYSTEM IN ORDER TO
INDICATE REQUIRED COMPONENTS FOR THE IMPLEMENTATION OF
THE SYSTEM

35

14

Figure 1C



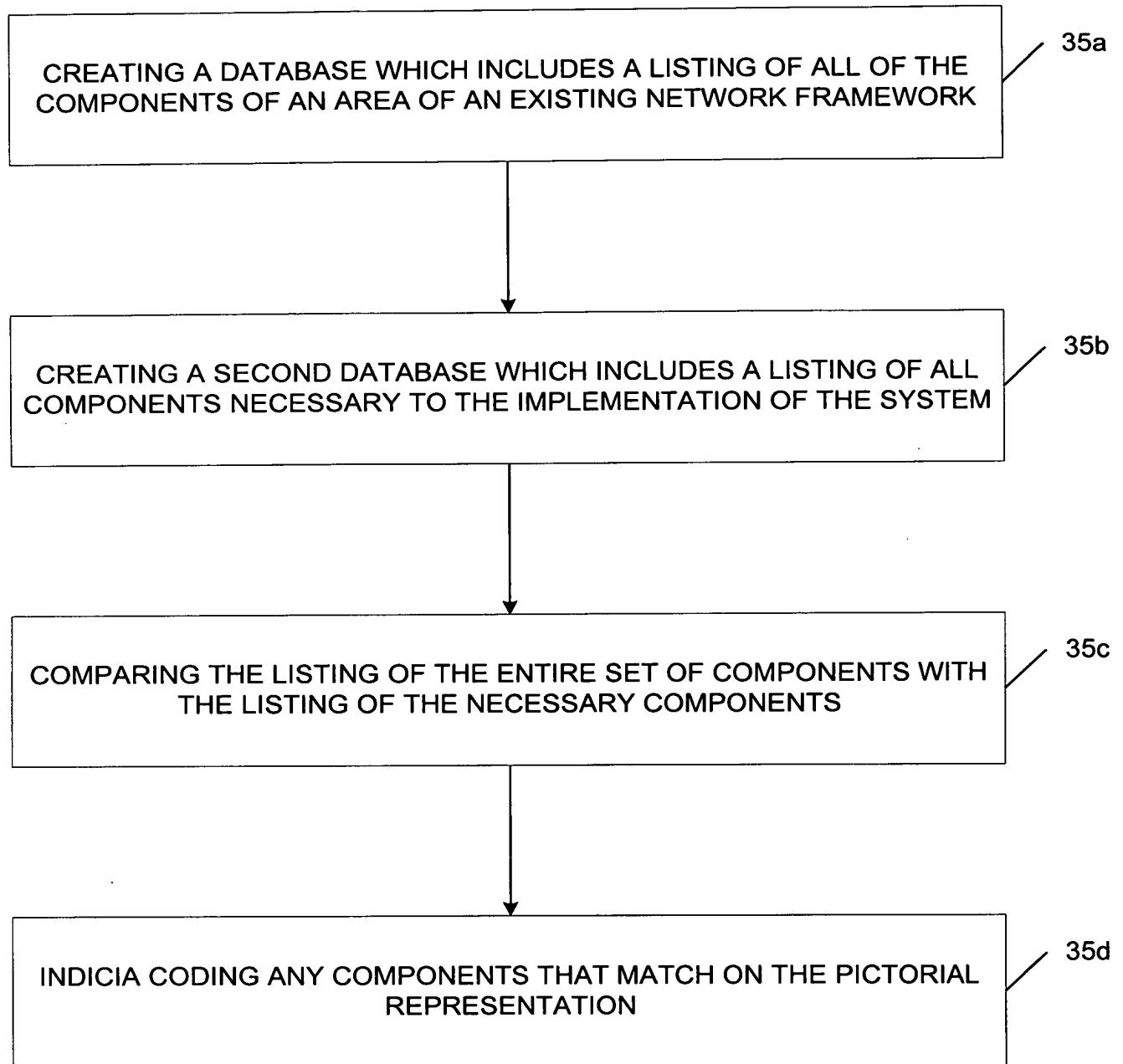
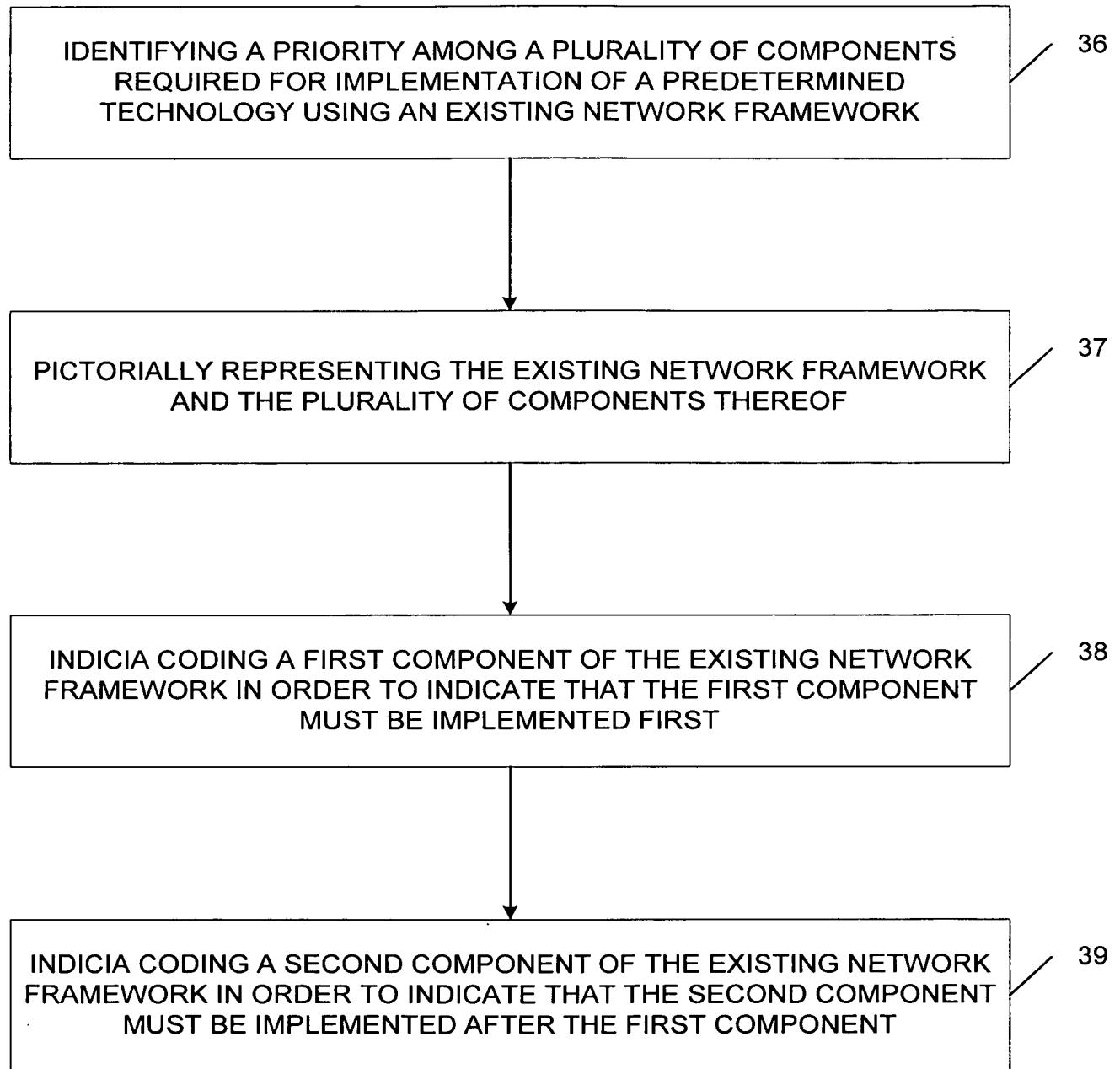


Figure 1C-1

652250-17602260



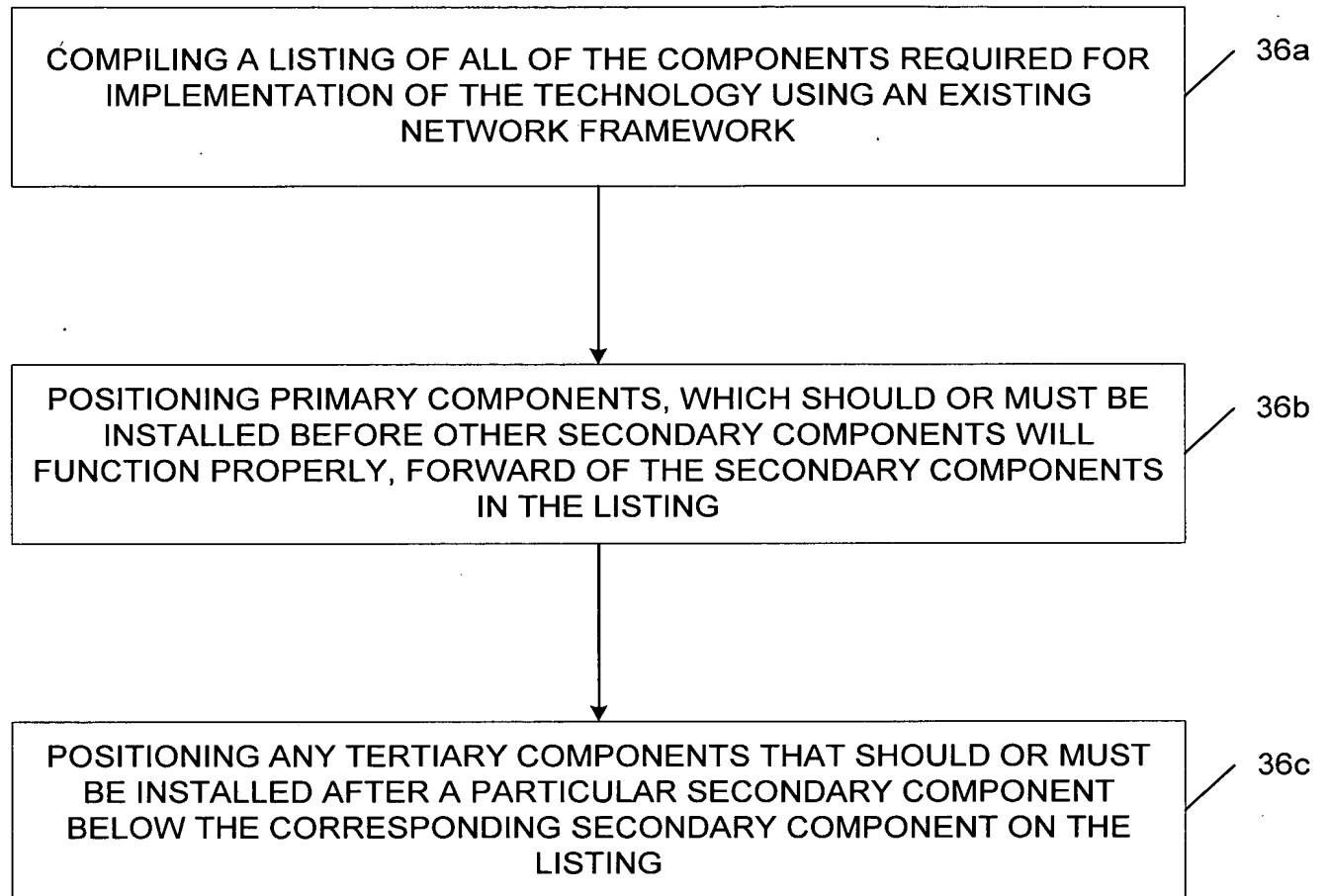
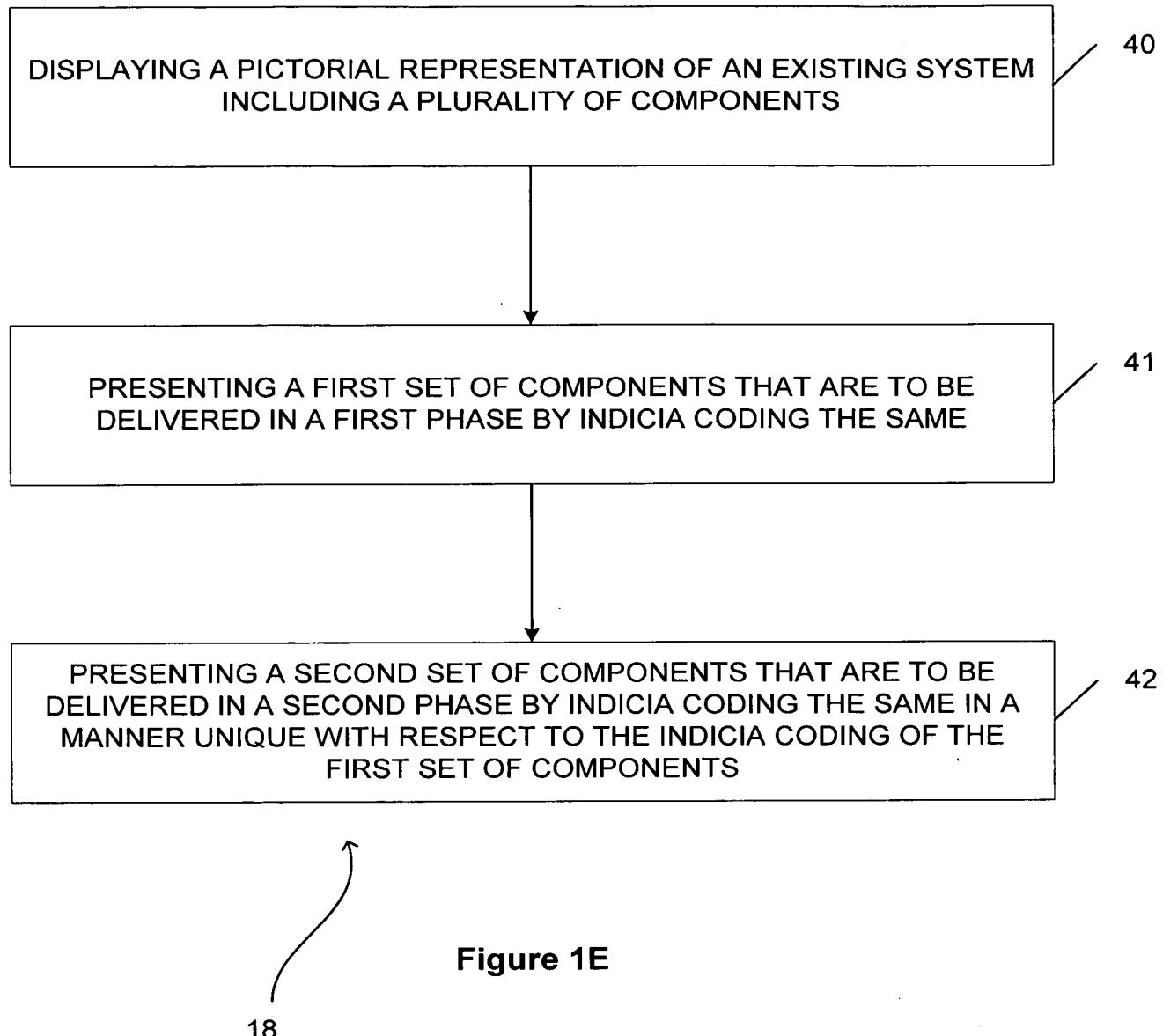


Figure 1D-1



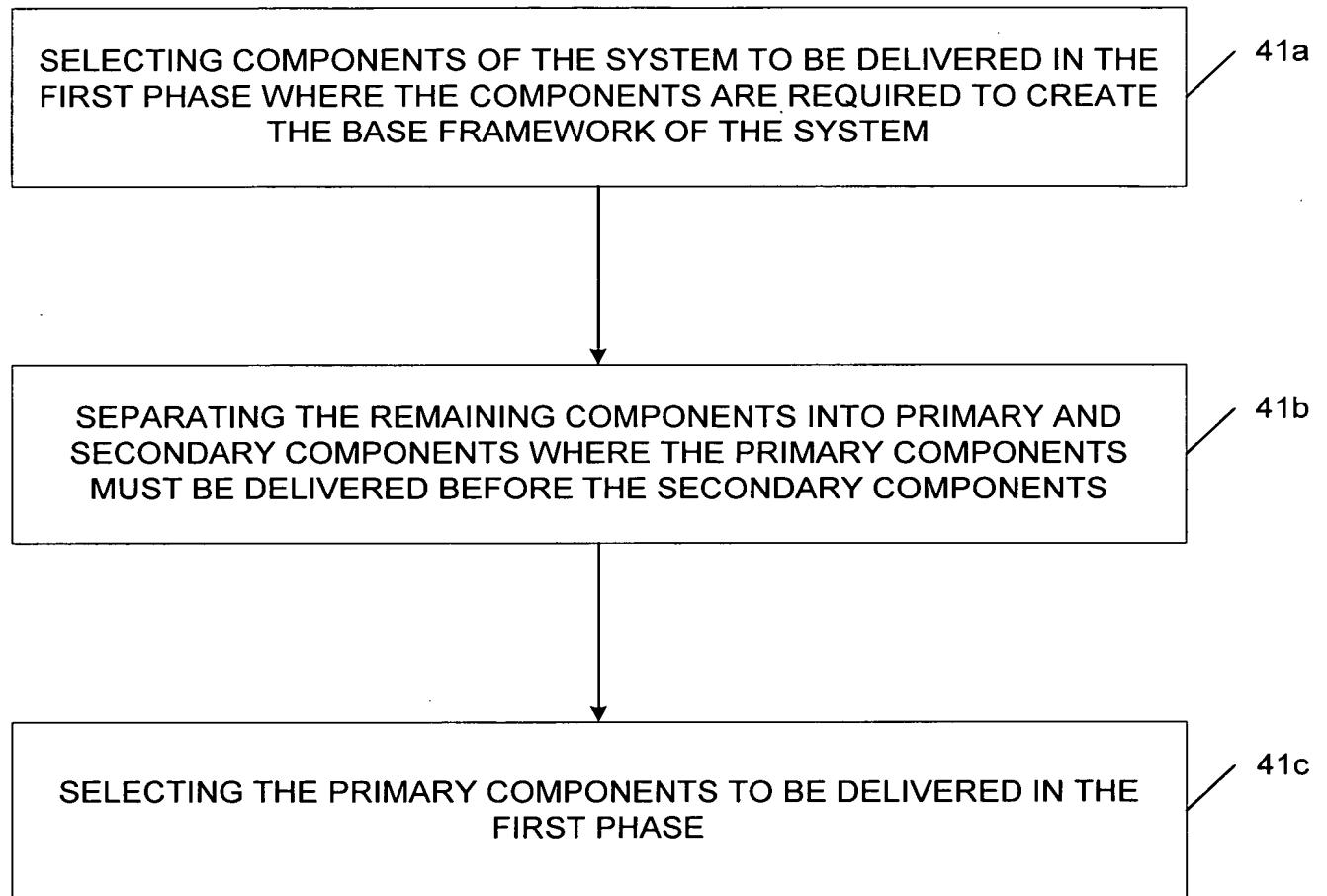
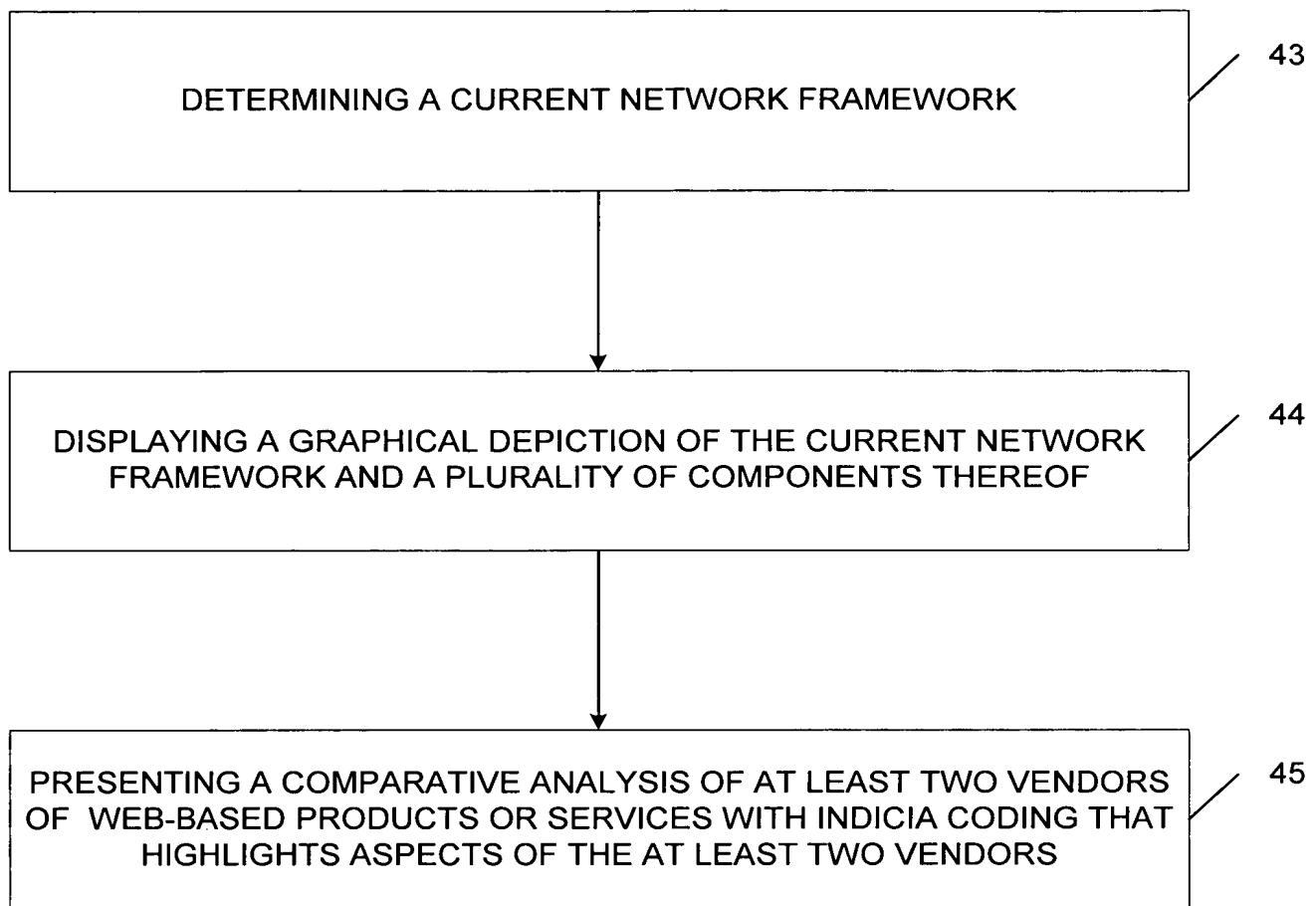


Figure 1E-1



20

Figure 1F

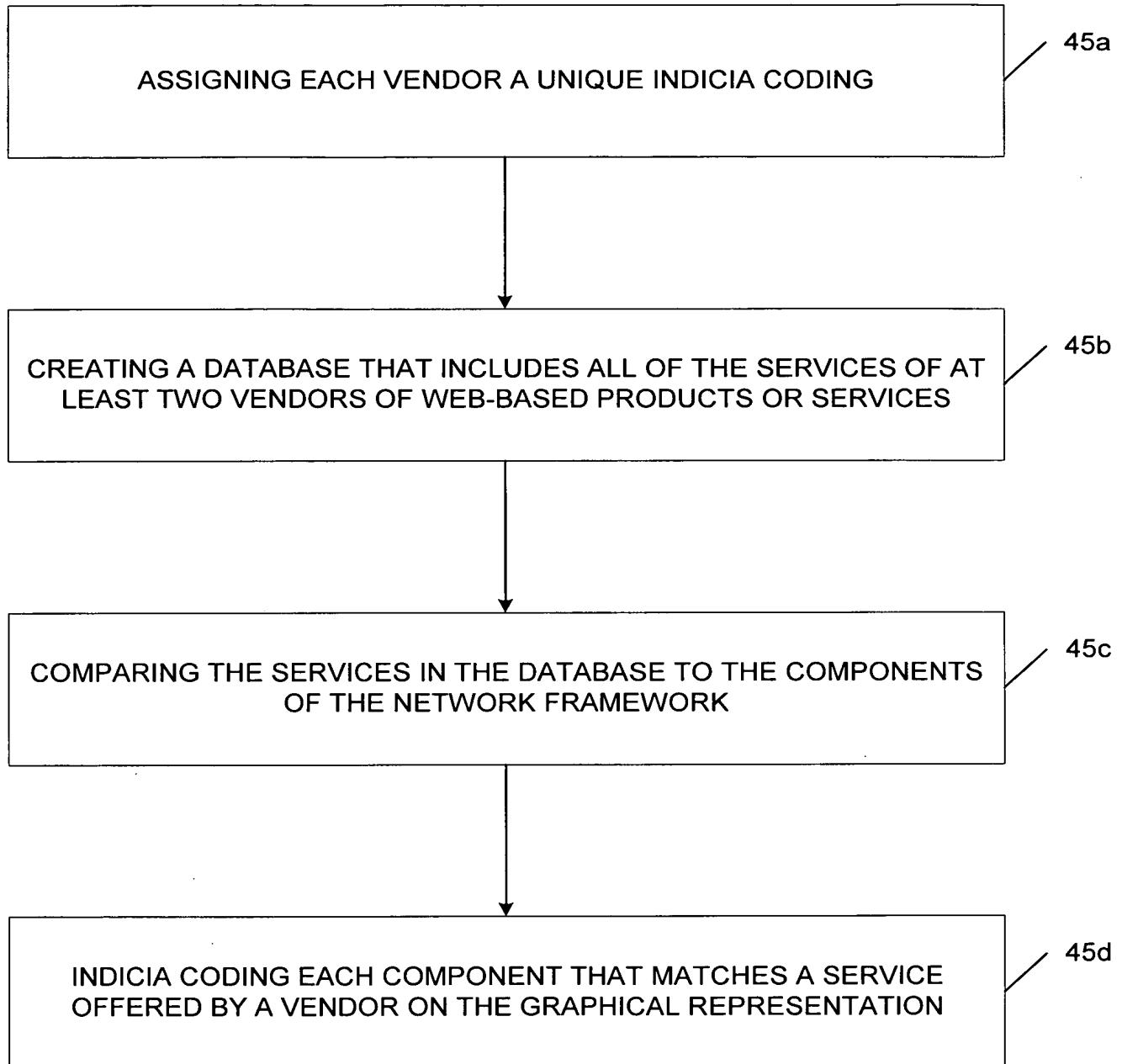
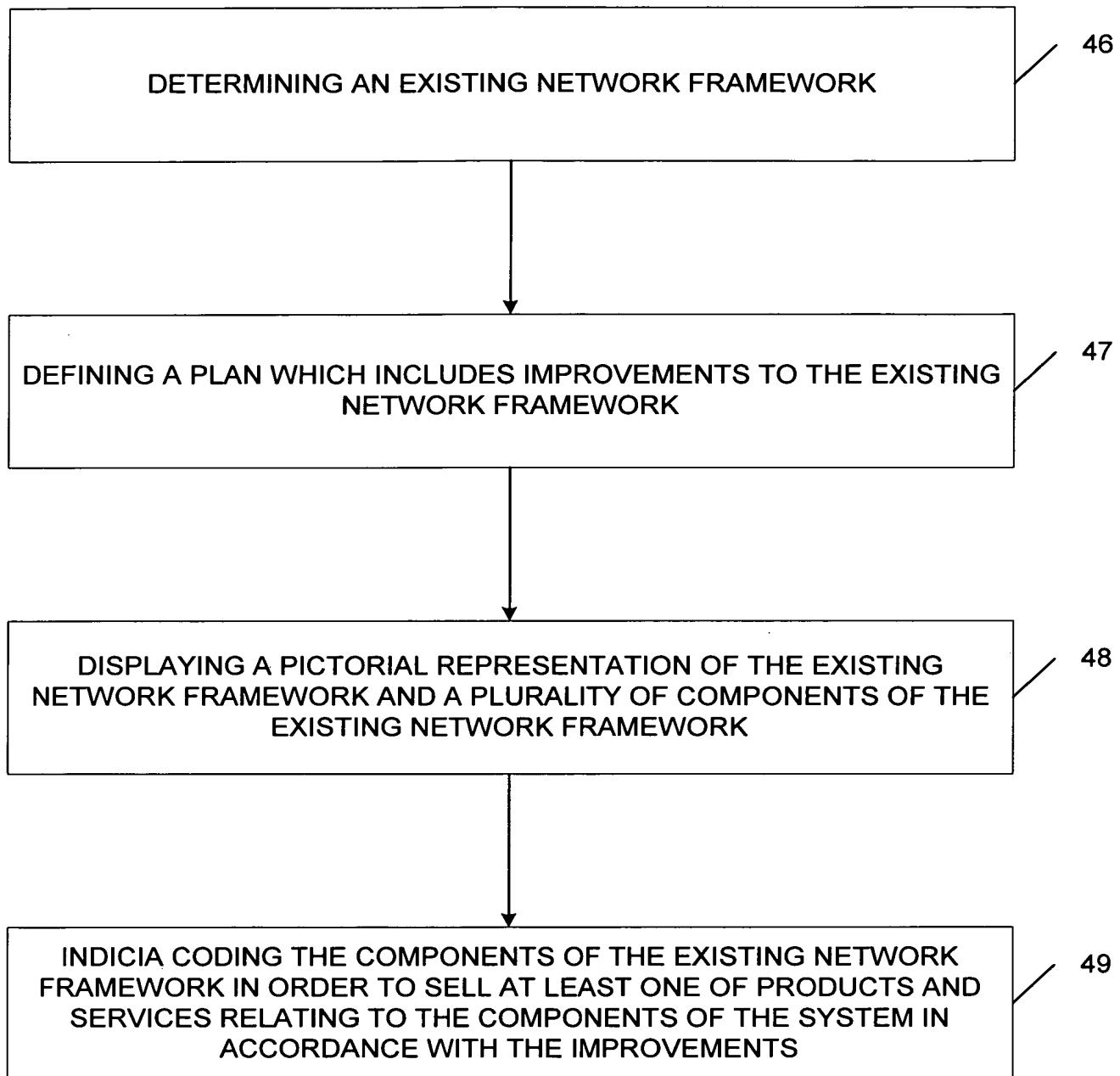
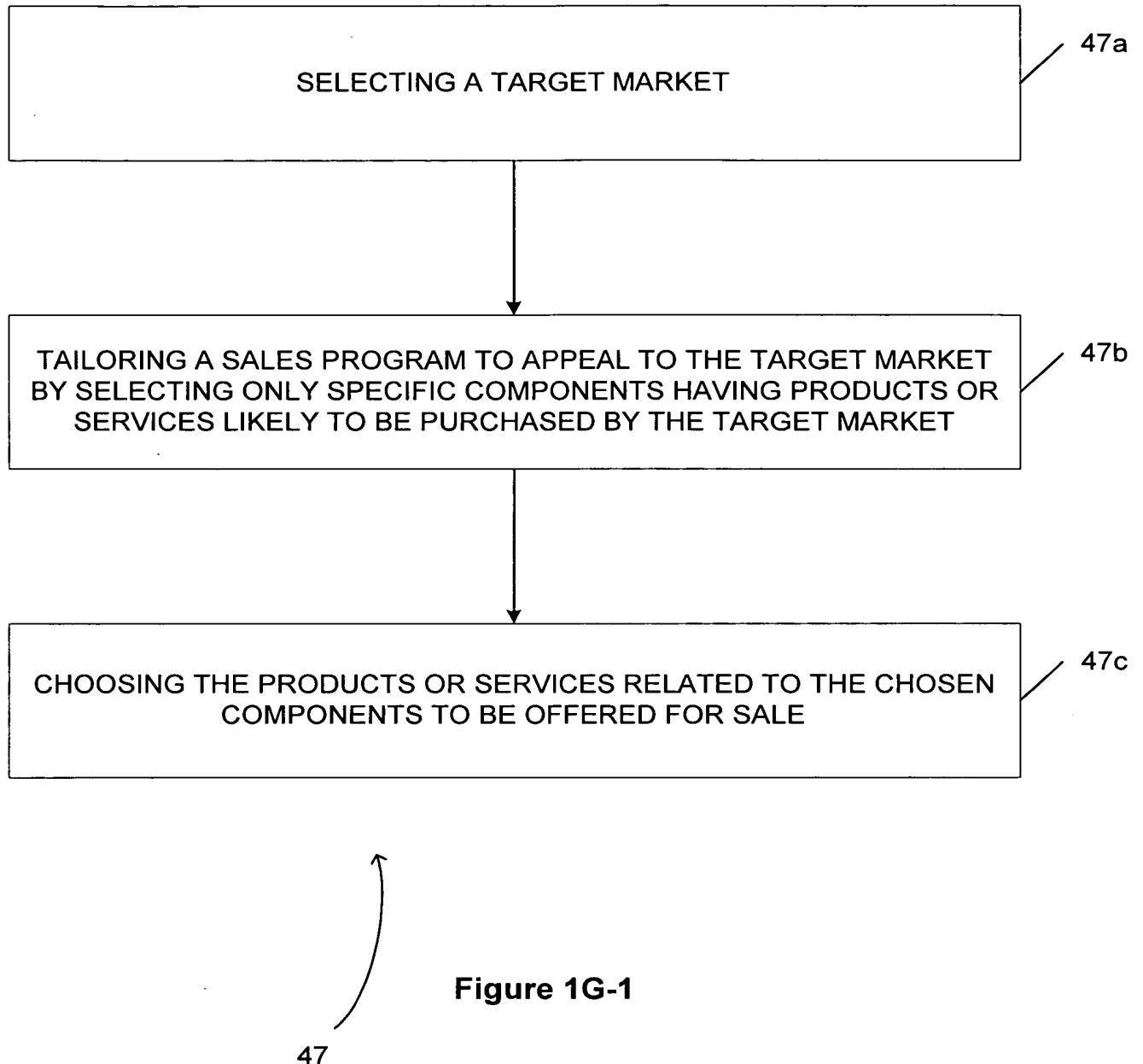


Figure 1F-1





DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING SYSTEM
INCLUDING A PLURALITY OF COMPONENTS

50

PRESENTING INFORMATION RELATING TO BUILDING THE
COMPONENTS OF THE EXISTING SYSTEM BY INDICIA CODING THE
COMPONENTS ON THE PICTORIAL REPRESENTATION

51

CONVEYING INFORMATION RELATING TO MANAGING THE
COMPONENTS OF THE EXISTING SYSTEM BY INDICIA CODING THE
COMPONENTS ON THE PICTORIAL REPRESENTATION

52

PRESENTING INFORMATION RELATING TO SUPPORTING THE
COMPONENTS OF THE EXISTING SYSTEM BY INDICIA CODING THE
COMPONENTS ON THE PICTORIAL REPRESENTATION

53

24

Figure 1H

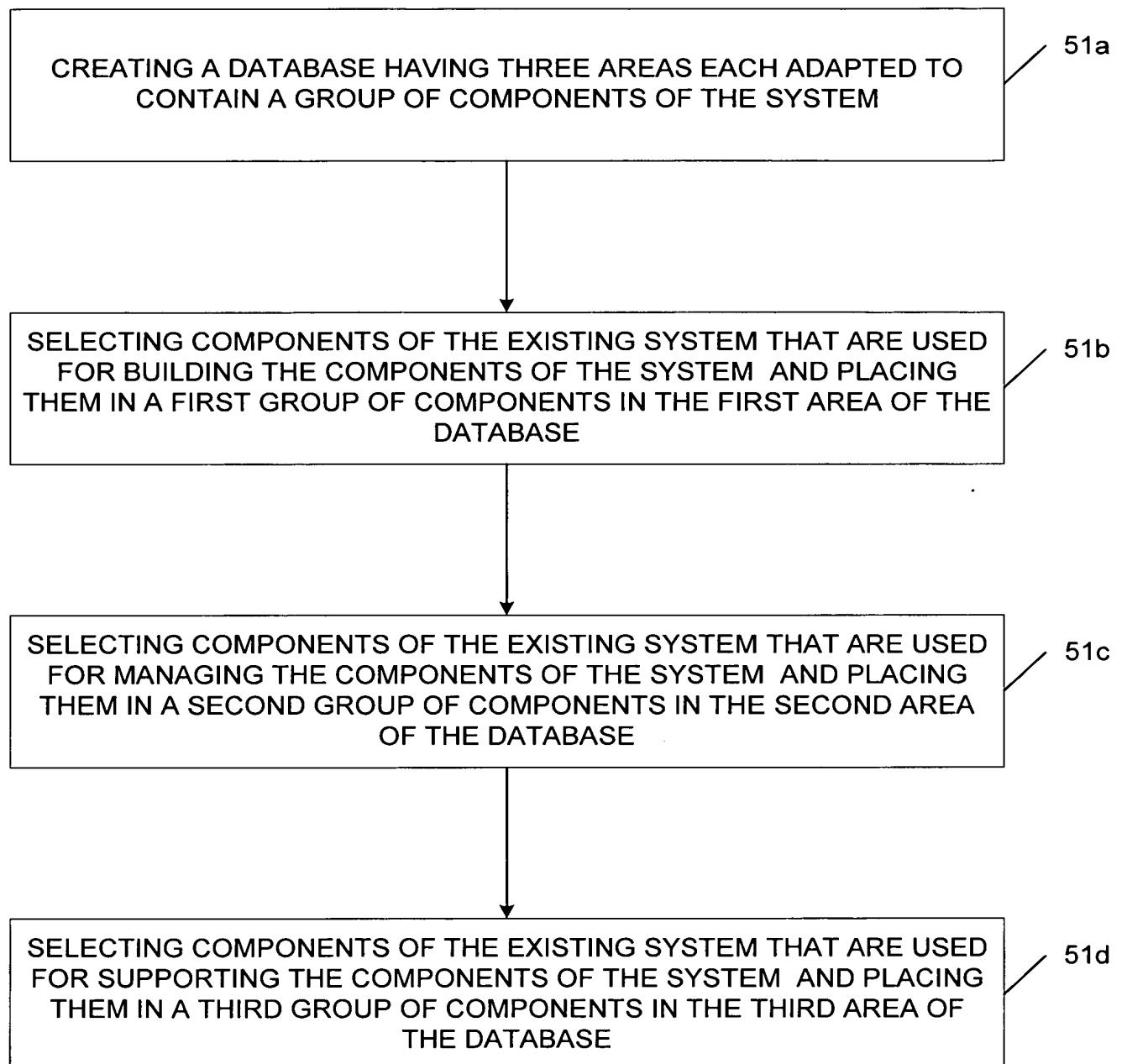


Figure 1H-1

DETERMINING A PLURALITY OF NETWORK PRODUCTS OR SERVICES
RELATING TO COMPONENTS OF A CURRENT NETWORK FRAMEWORK

54

PRESENTING THE COMPONENTS OF THE CURRENT NETWORK
FRAMEWORK IN A PICTORIAL REPRESENTATION

55

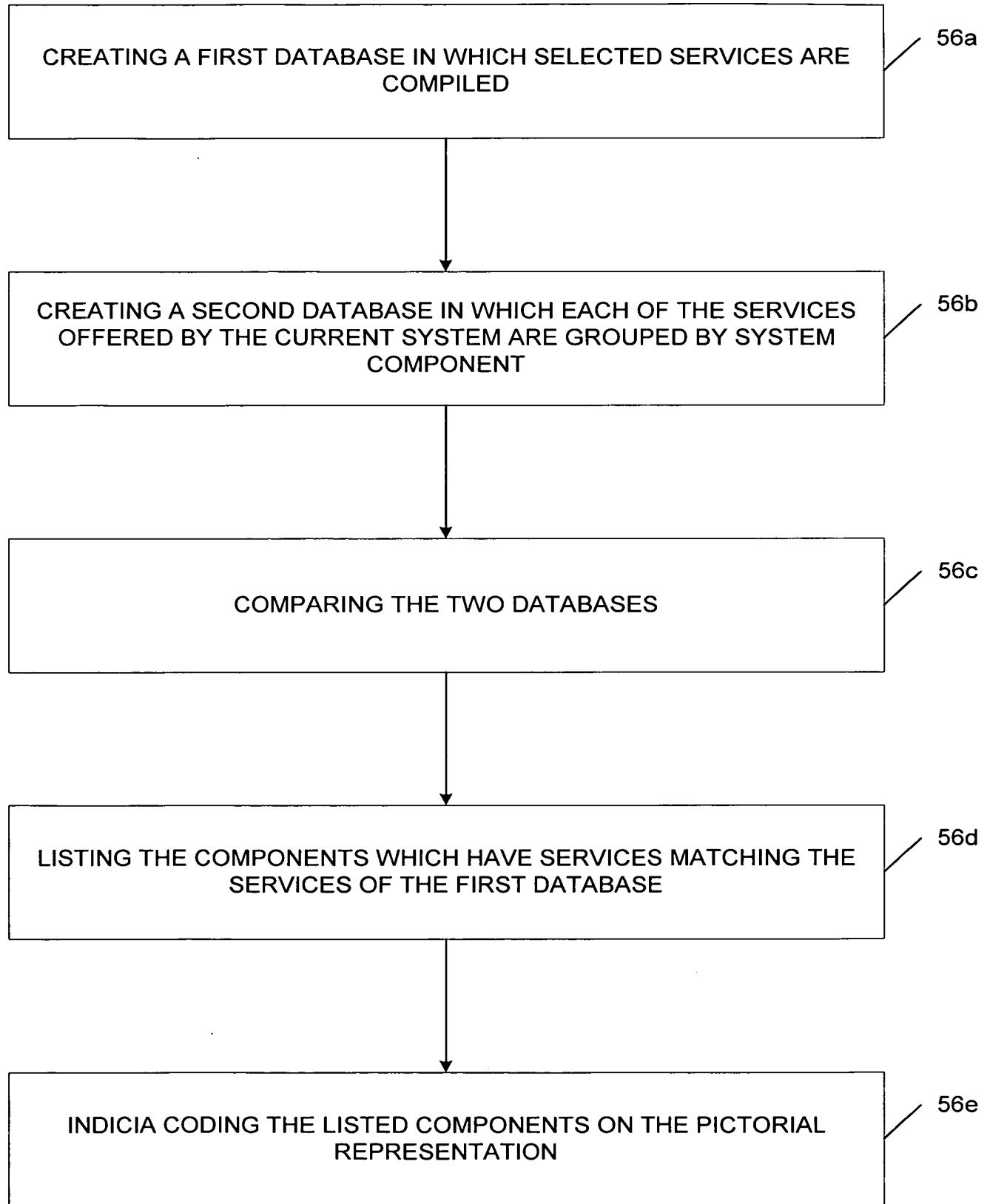
IDENTIFYING THE COMPONENTS OF THE CURRENT NETWORK
FRAMEWORK TO WHICH EACH OF THE NETWORK PRODUCTS OR
SERVICES RELATE BY INDICIA CODING THE COMPONENTS

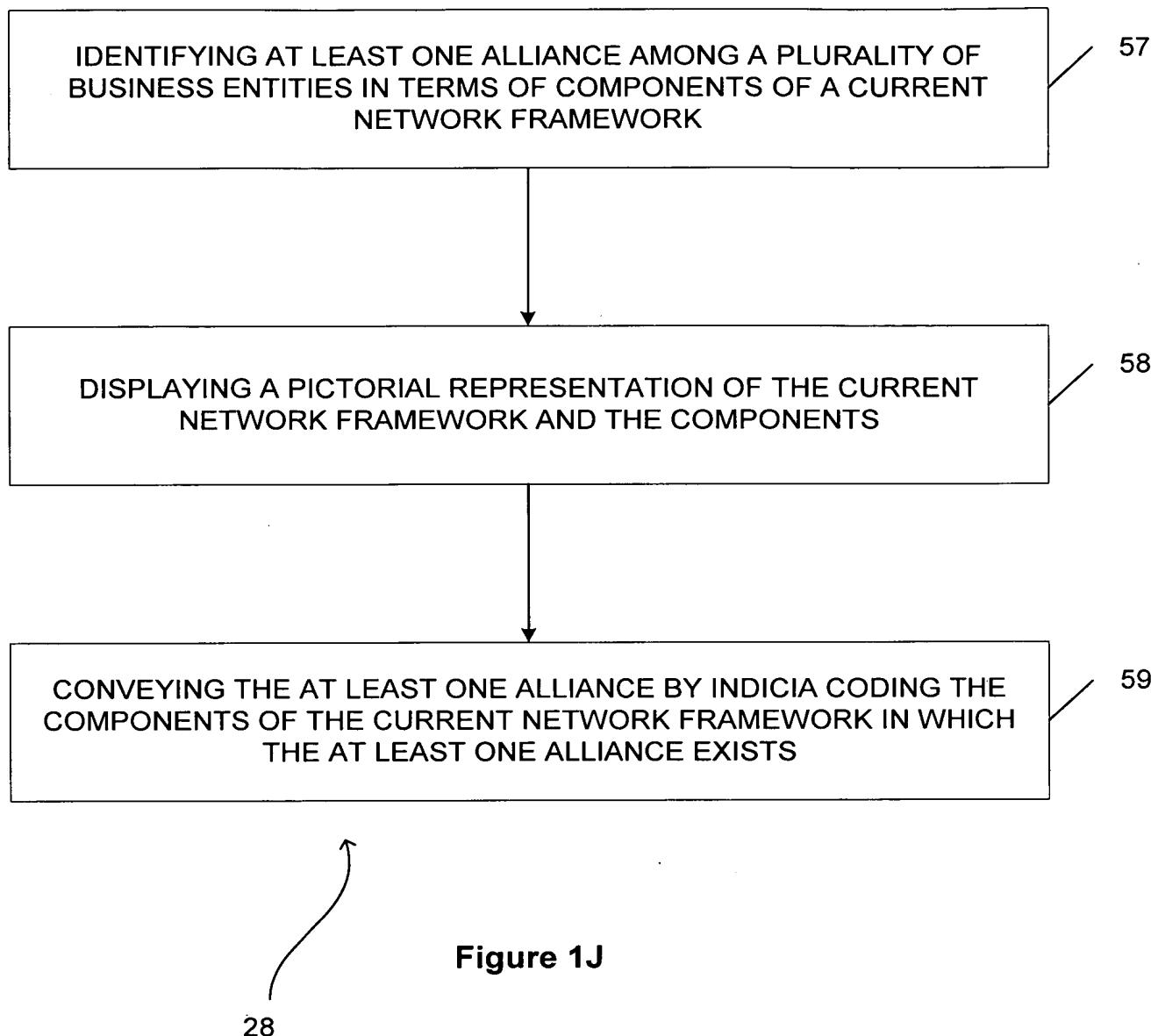
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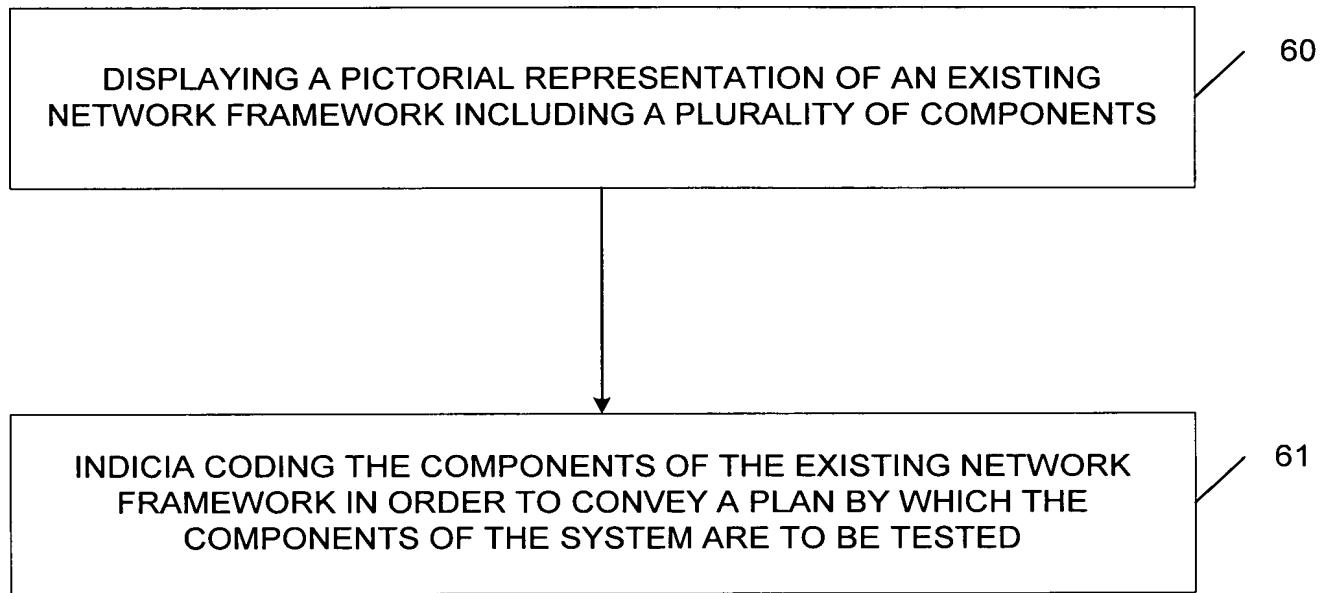
26

Figure 1I



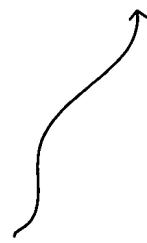


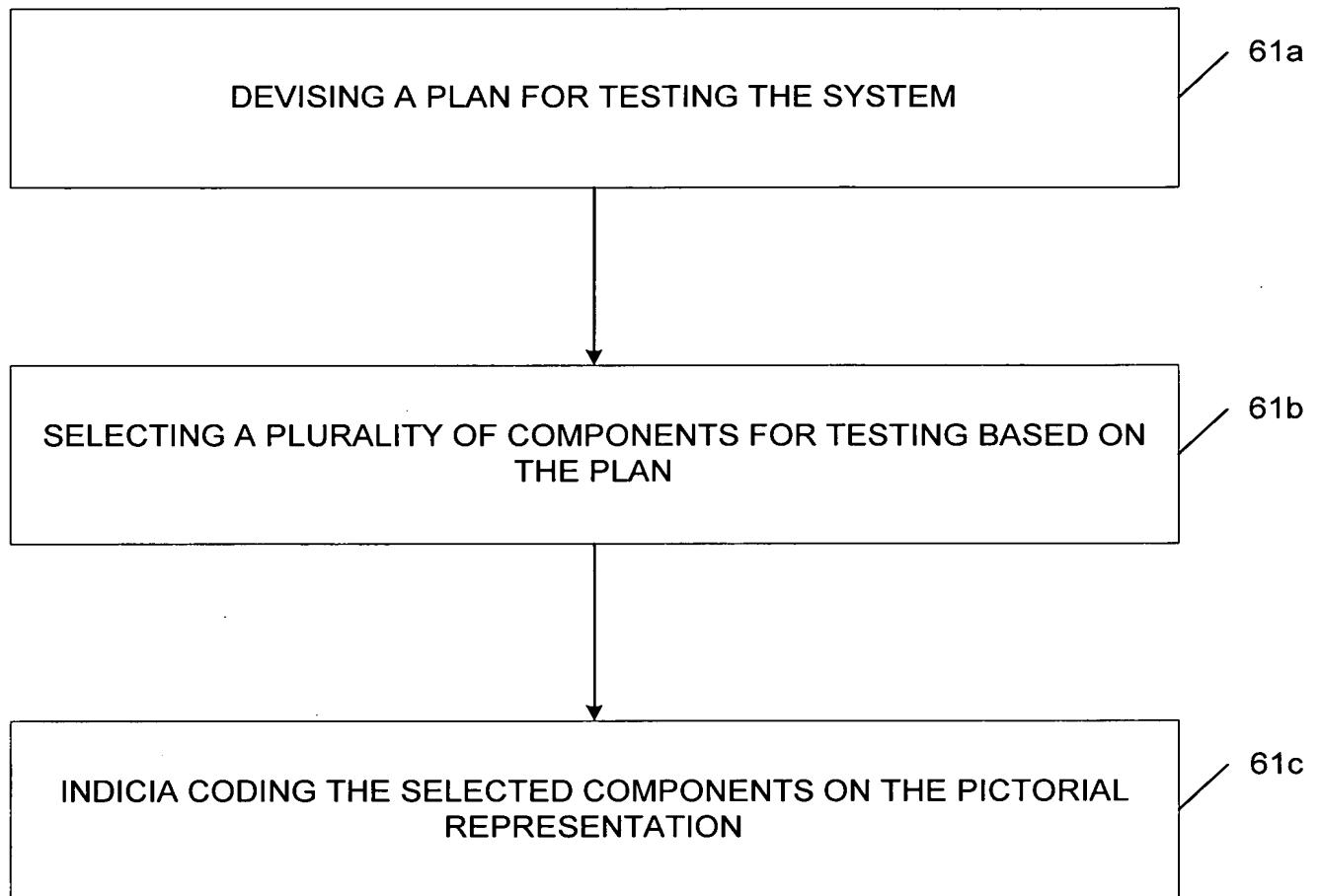




30

Figure 1K





61

Figure 1K-1

Web Architectur Framework – Base Chart

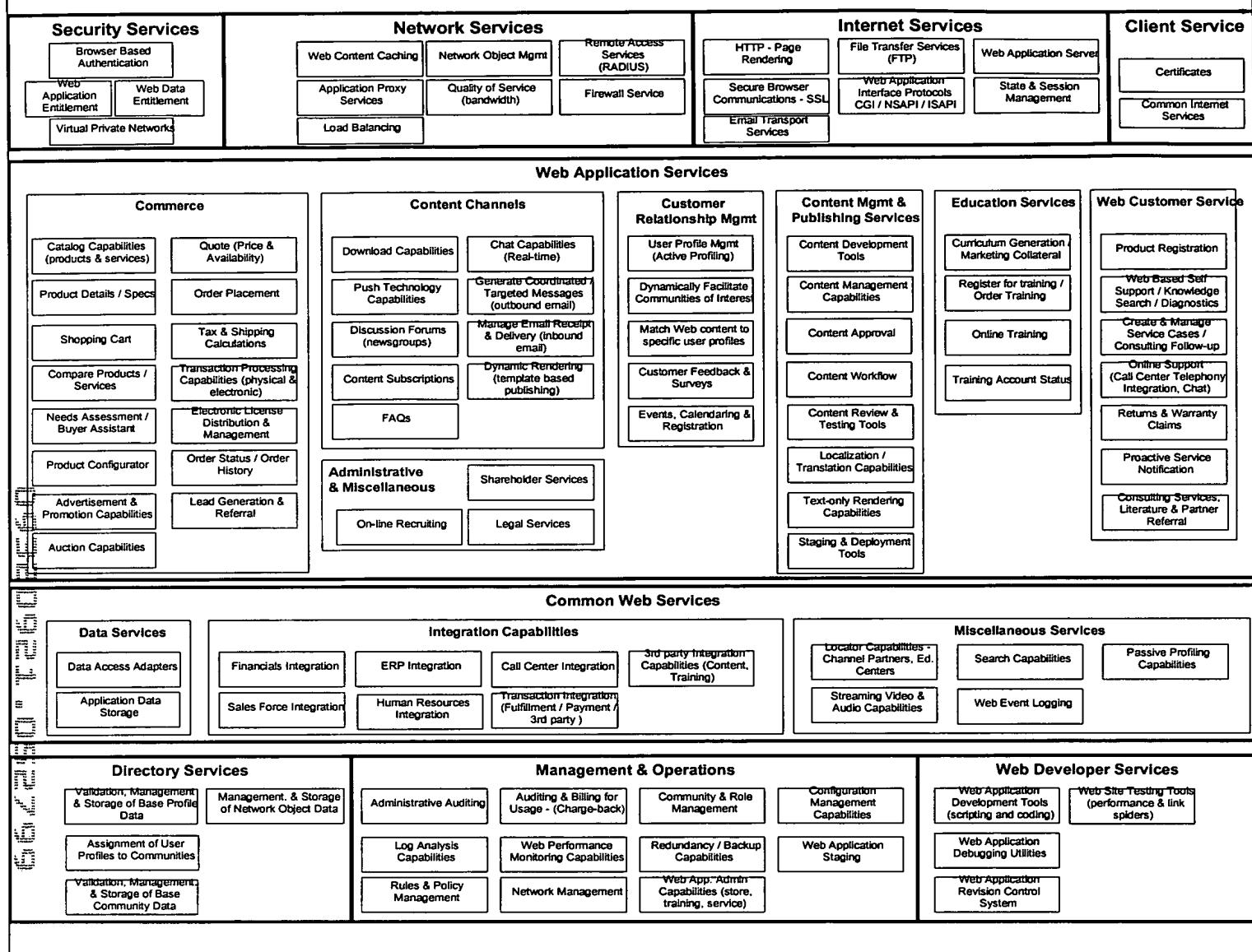


Figure 1L

662260-T26022600

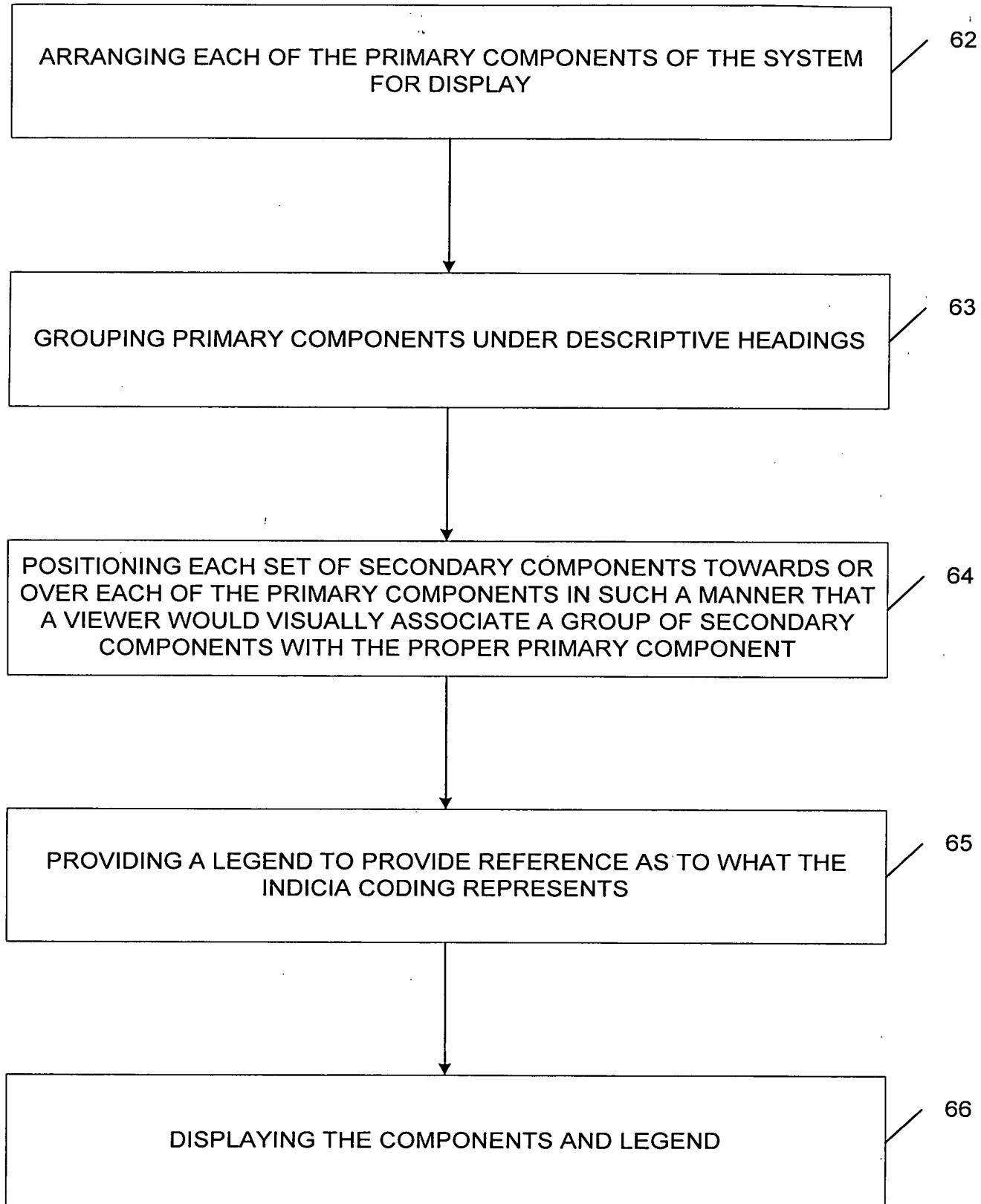


Figure 1L-1

Web Architecture Frameworks in Today's Environment

Legend

Vendor 1	Vendor 2	Vendor 3	Vendor 4
Single Vendor	Vendor 1 & 2	Vendor 1 & 3	Multiple Vendors
Vendor 1	Vendor 2	Vendor 3	Vendor 4
Single Vendor	Vendor 1 & 2	Vendor 1 & 3	Multiple Vendors

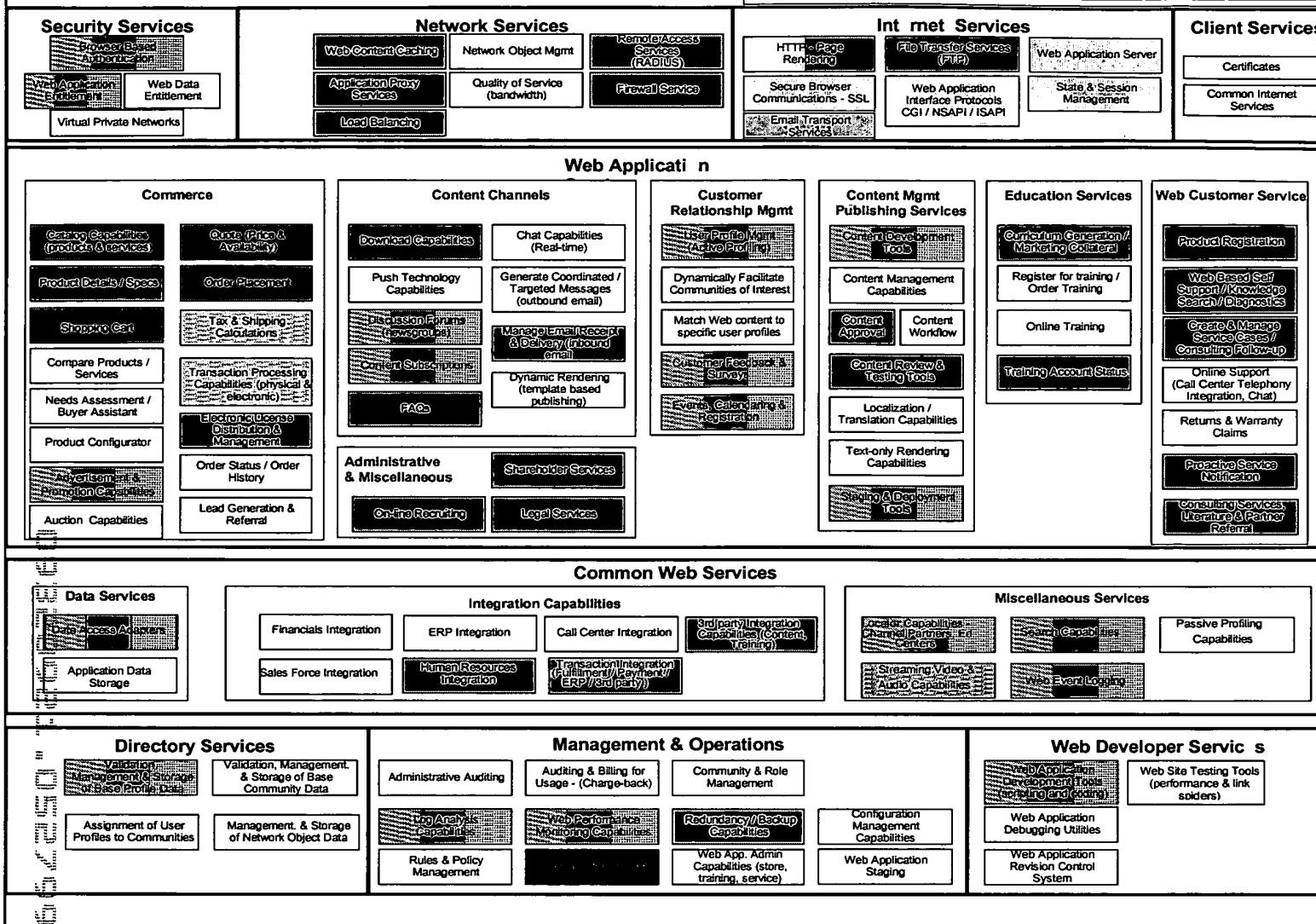


Figure 1M

Web Architecture Framework – Core Commerce Capabilities

Legend

Core Commerce Capabilities

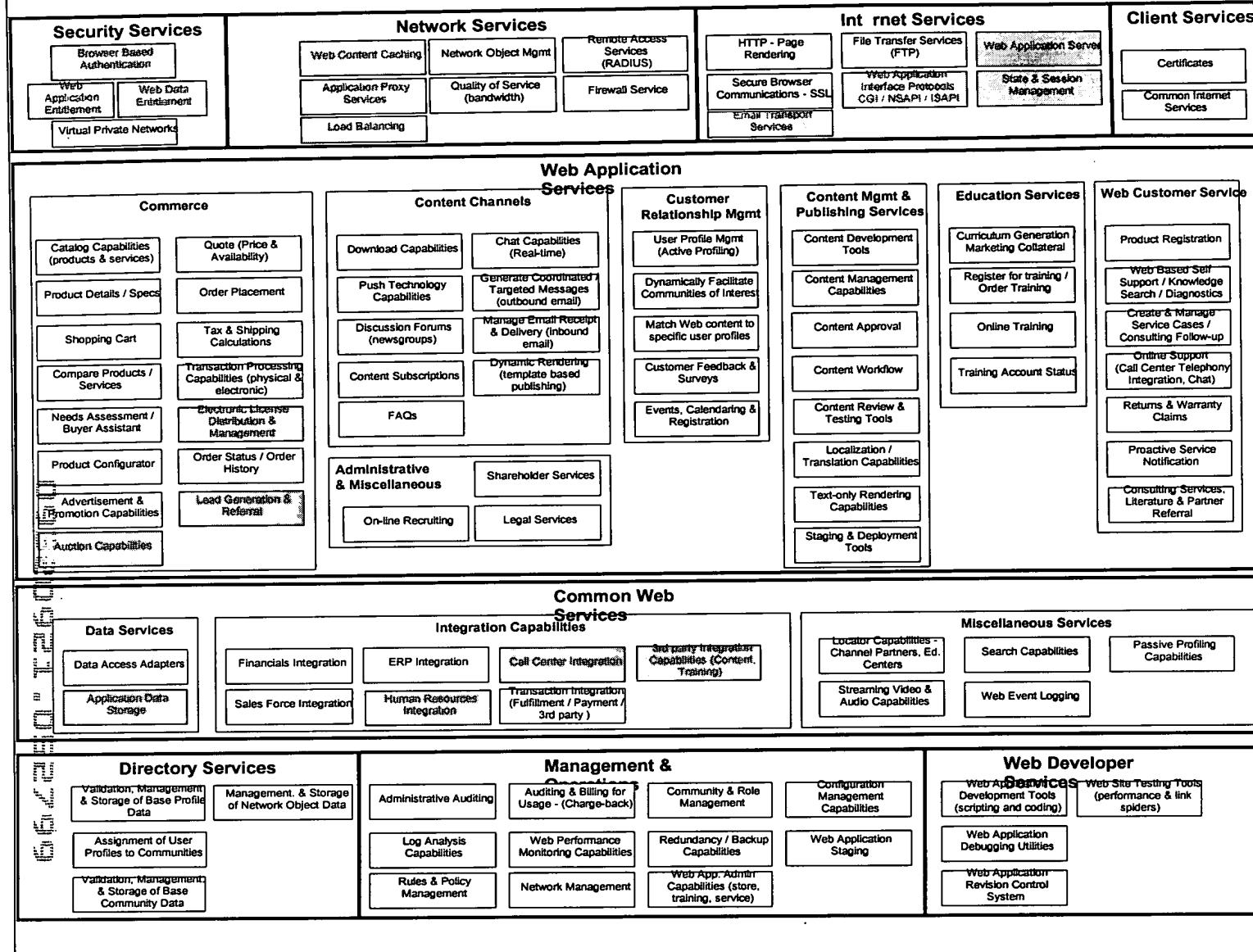


Figure 1N

Web Architecture Framework – Immediate Activities

LEGEND

Second Delivery

Revenue (enhance)

Identity (security, leads)

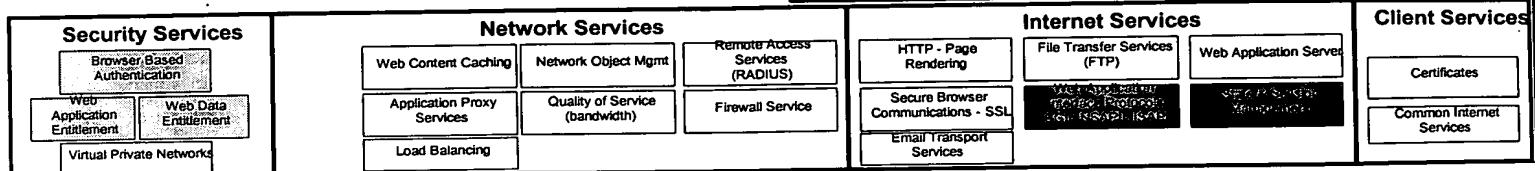
Tools & Assets (web lab)

Content (publishing basics – prep for communities)

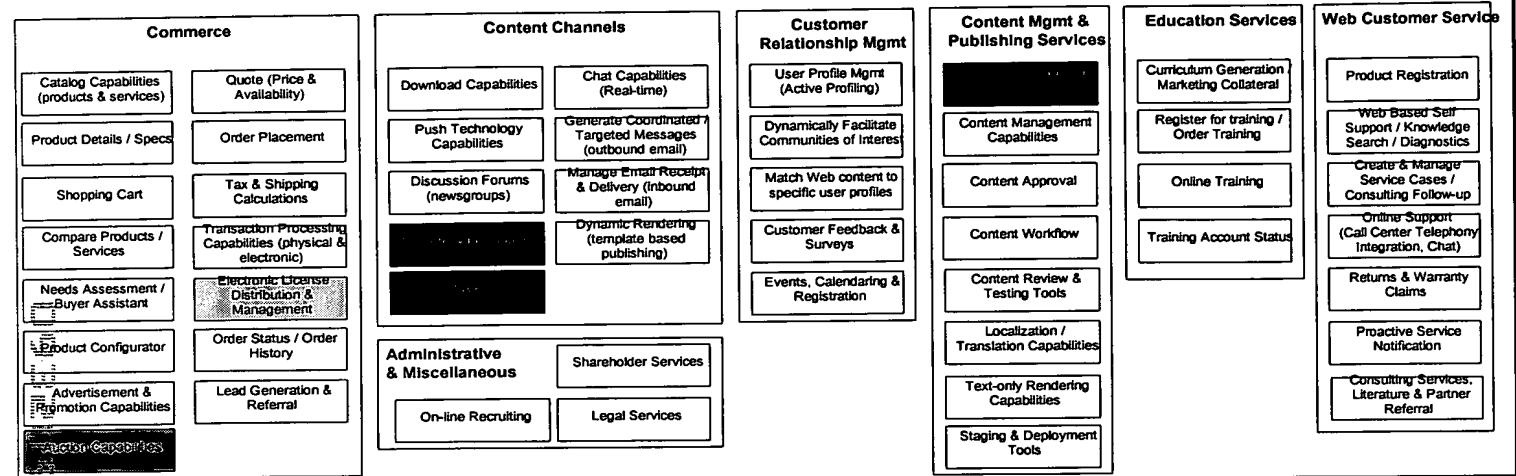
Identity (targeting messages)

Tools & Assets (Search & Opt)

Tools & Assets (enhance profiling)



Web Application Services



Common Web Services

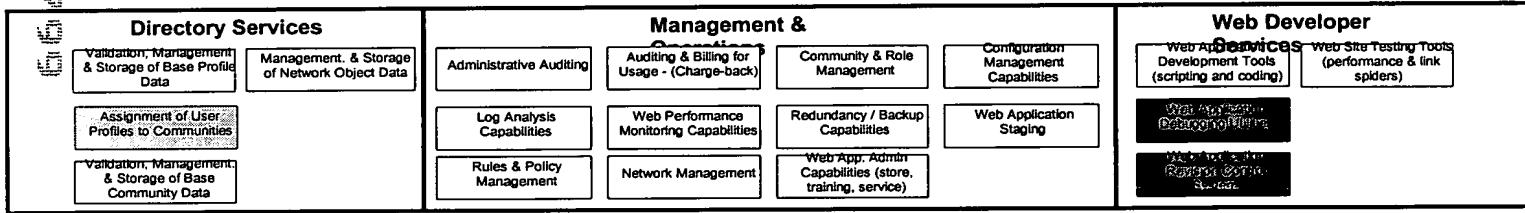
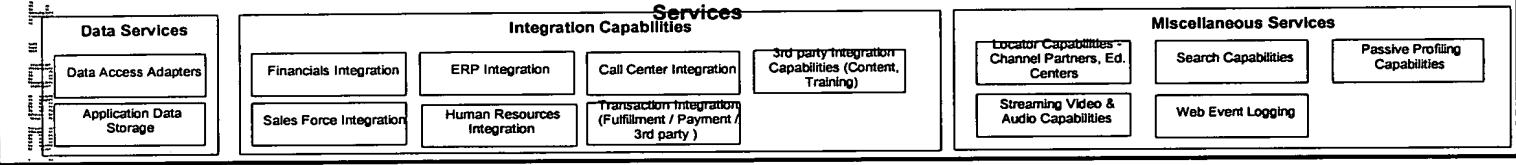


Figure 1P

Core Commerce Capabilities - Infrastructure Services

Core Capabilities Existing Capabilities

Browser Based Authentication

- Verifies user identity using built-in browser functionality
- Maintains authentication information throughout sessions
- Utilizes centralized directory of profiles
- Provides LDAP compatibility
- Provides NDS compatibility

Web Application Entitlement

- Restricts access to specific web applications based upon user privileges
- Determines if a user or group of users have permission to perform an operation in a specific application
- Utilizes centralized directory of profiles for entitlement data
- Provides LDAP compatibility
- Provides NDS compatibility

Web Data Entitlement

- Restricts access to web content and data based upon user privileges
- Determines if a user or group of users have permission to manipulate web data (create, read, update, delete)
- Utilizes centralized directory of profiles for entitlement data
- Provides LDAP compatibility
- Provides NDS compatibility

Web Content Caching

- Stores frequently requested web pages and graphics in a temporary location
- Serves up previously cached content without accessing original source
- Updates cache automatically to ensure integrity of content

Application Reverse Proxy Services

- Passes requests from external clients to internal web servers and return results
- Serves as trusted agent to access internal machines on the behalf of clients
- Hides IP Addresses of machines inside a firewall from external clients
- Provides configuration control over external access permissions

Load Balancing

- Spreads tasks among application servers using an intelligent load-balance scheme (CPU utilization)
- Provides a centralized task distribution mechanism for routing services
- Identifies servers that are off-line and re-route traffic

Firewall Service

- Protects resources on a private network from users of other networks
- Filters network traffic based on security rules
- Provides alarm notification of attacks
- Provides logging and reporting functions
- Provides port and traffic control

HTTP - Page Rendering

- Serves requested web pages and graphics from web servers to client web browsers
- Supports page rendering for multiple languages
- Supports multiple content sources (file system, databases, scripts)

Legend: Available Today

Core Capabilities Existing Capabilities

Secure Browser Communication - SSL

- Provides encrypted communication with common web browsers
- Supports the Secure Sockets Layer protocol 2.0
- Supports the Secure Sockets Layer protocol 3.0

File Transfer Services (FTP)

- Transfers files between computers on the Internet using the standard File Transfer Protocol (FTP)
- Stores files on a file system or database
- Provides mechanism to manage access control for files on a FTP server

Web Application Interface Protocols (CGI/NSAPI/ISAPI)

- Supports Common Gateway Interface (CGI) protocol
- Supports Netscape® API (NSAPI) protocol
- Supports Microsoft's API (ISAPI) protocol
- Provides alternative to the interface mechanism that may be used

Web Application Server Plugins

- Executes web application logic
- Utilizes user session information to support interactive applications
- Provides scalability features
- Provides fail-over features
- Provides application programming logic

State and Session Management

- Provides mechanism to note and remember one or more preceding events in a given sequence of interactions with the user or application
- Tracks state and session information
- Manages multiple independent sessions simultaneously active
- Supports Client Cookies
- Supports Client URL Encoding
- Supports Server Information with Client Cookies
- Supports Server Information with URL Session Identifiers

Oracle Financials Integration

- Provides adapter or mechanism to communicate and transfer data at the functional level with Oracle Financials via API's
- Supports Oracle's API sets for external integration
- Supports Data Access Adapter capabilities

SIEBEL Integration

- Provides adapter or mechanism to communicate and transfer data at the functional level with Siebel via API's
- Supports Siebel's API sets for external integration
- Supports Data Access Adapter capabilities

TRANSACTION Integration (Fulfillment/Payment/Order/Pay)

- Provides adapter or mechanism to transfer transactional information to a fulfillment house, payment processing center, enterprise resource planning system or other third party
- Provides reporting and logging functions to detect communication errors

3rd Party Integration Capabilities (Content, Training)

- Provides adapter or mechanism to communicate with external system that provide additional content such as catalog information
- Provides reporting and logging functions to detect communication errors

Figure 1Q

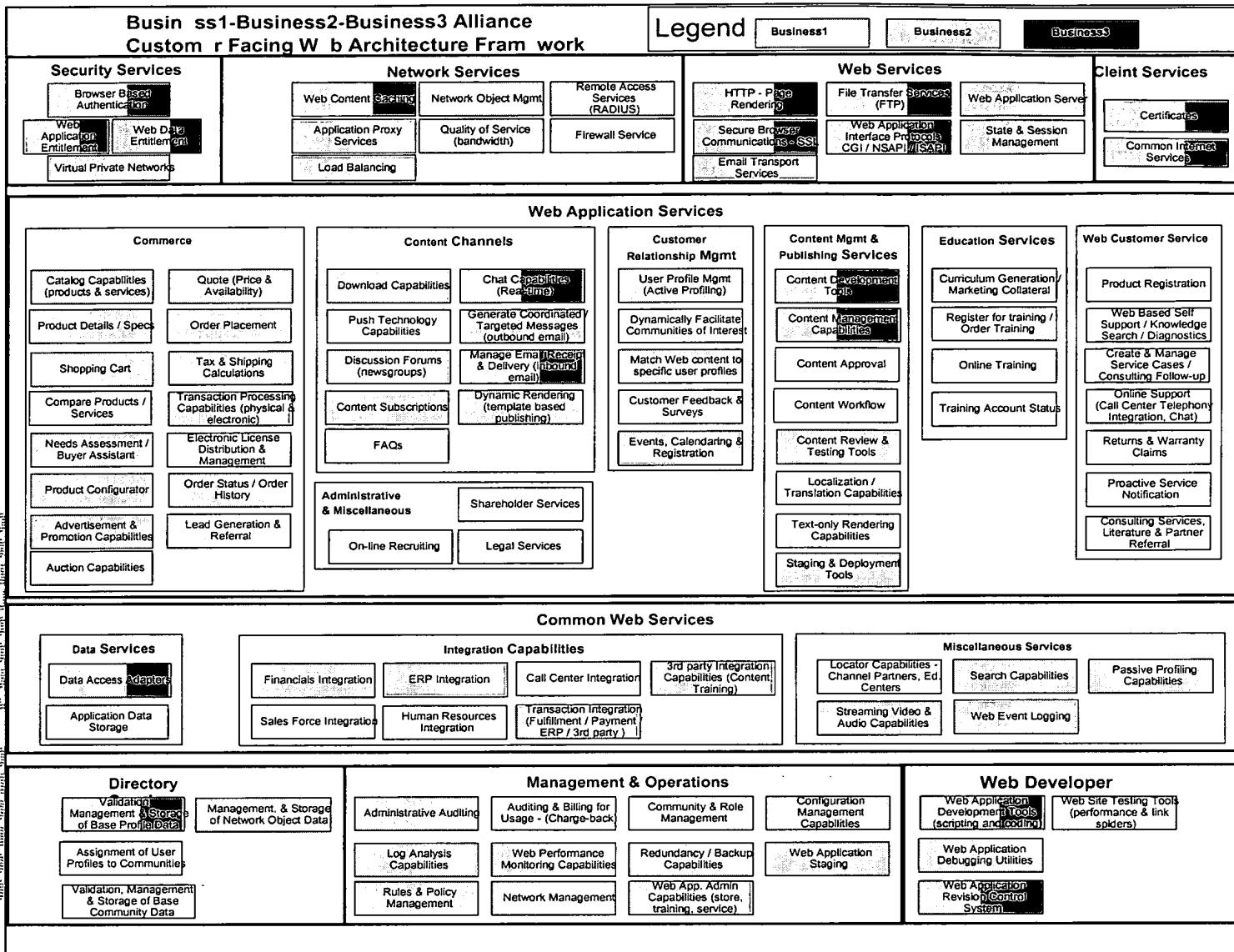


Figure 1R

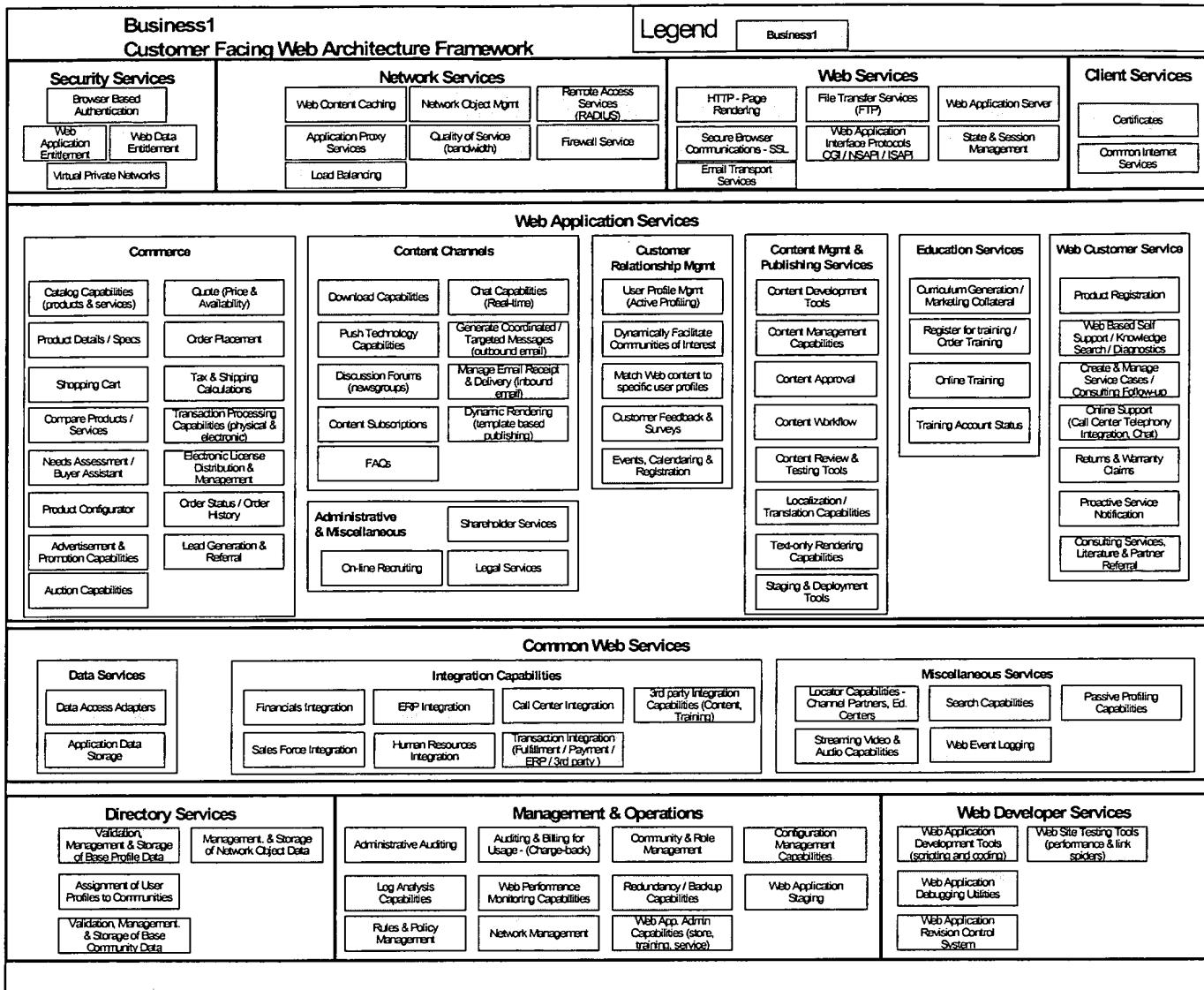


Figure 1S

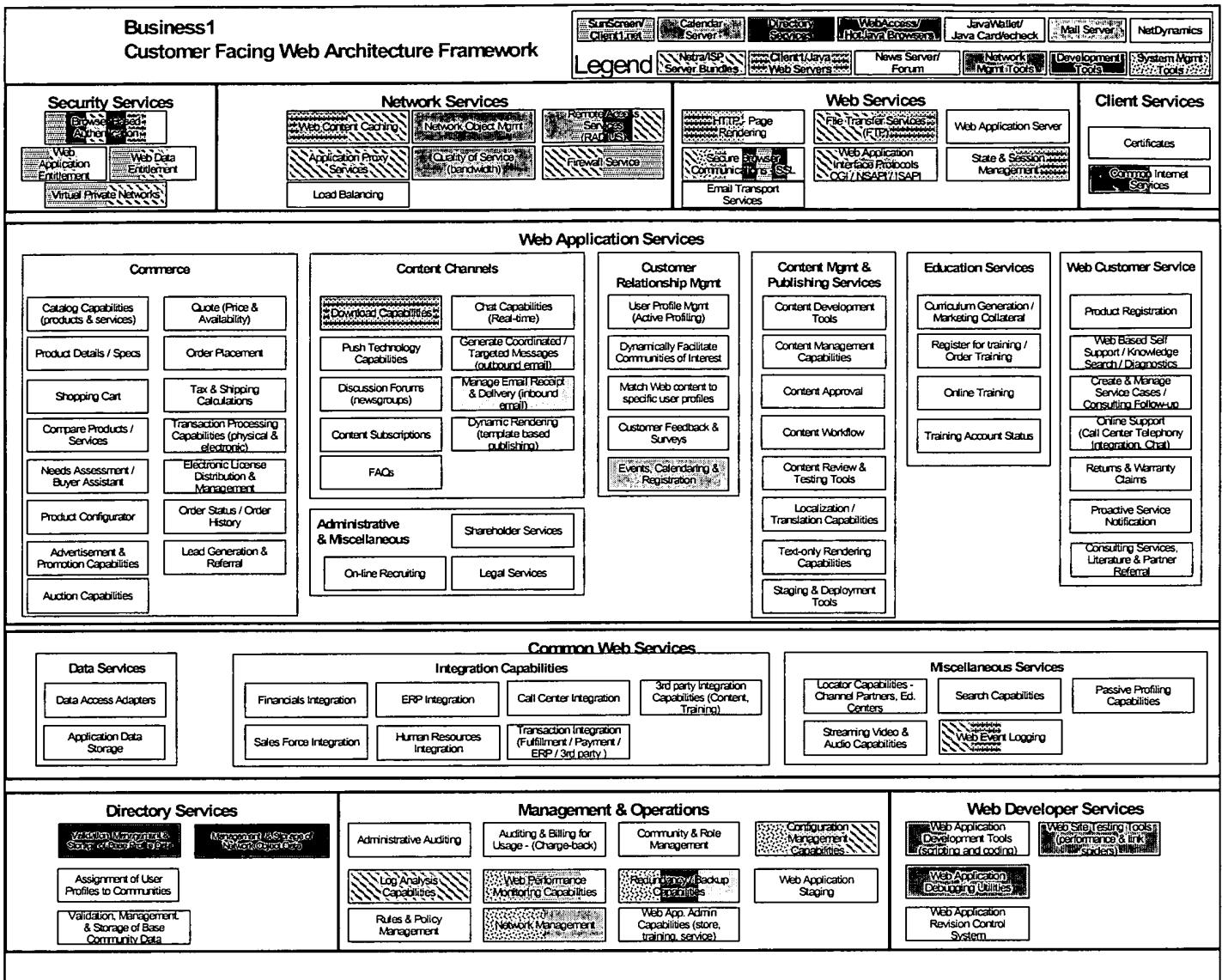


Figure 1T

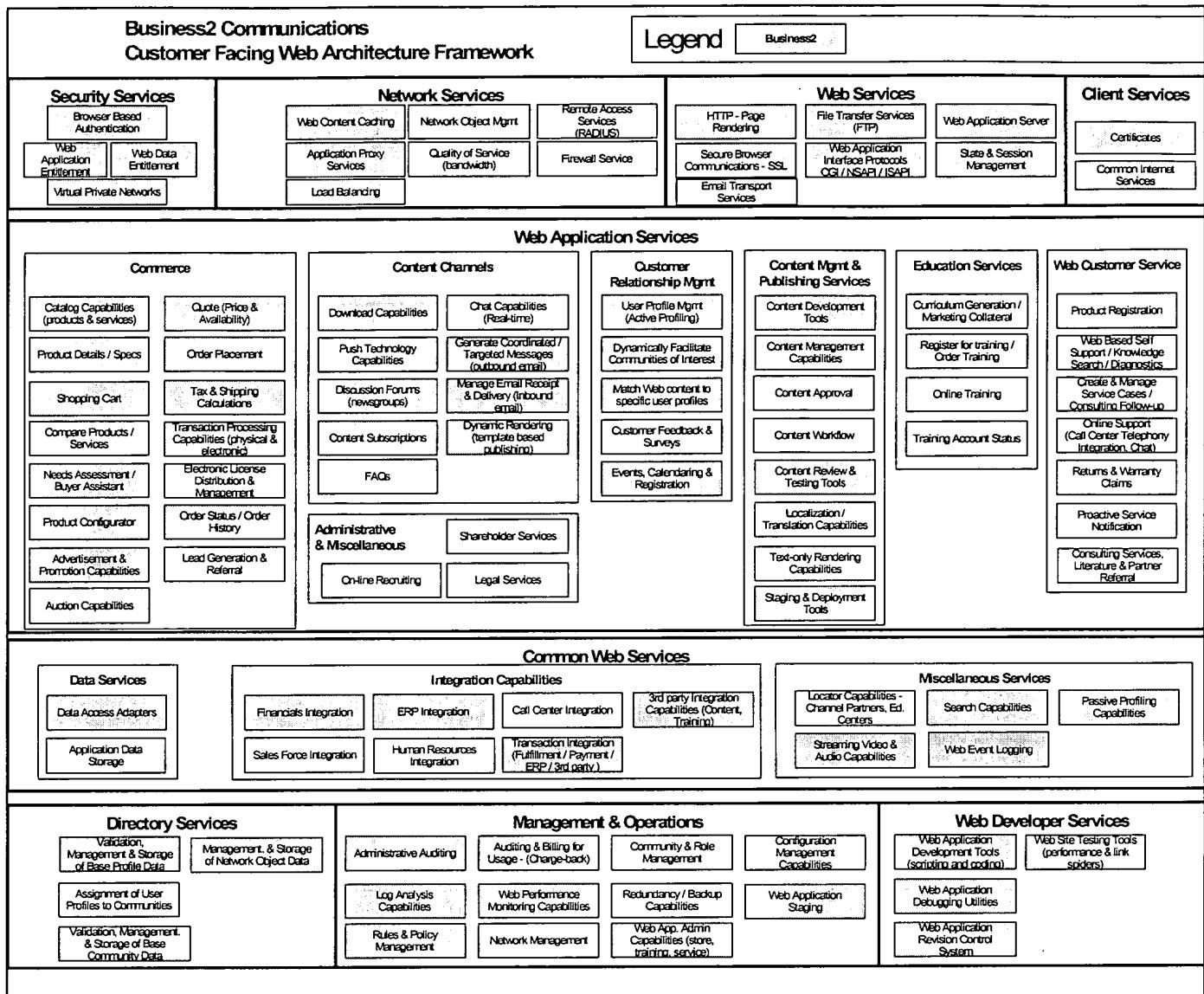


Figure 1U

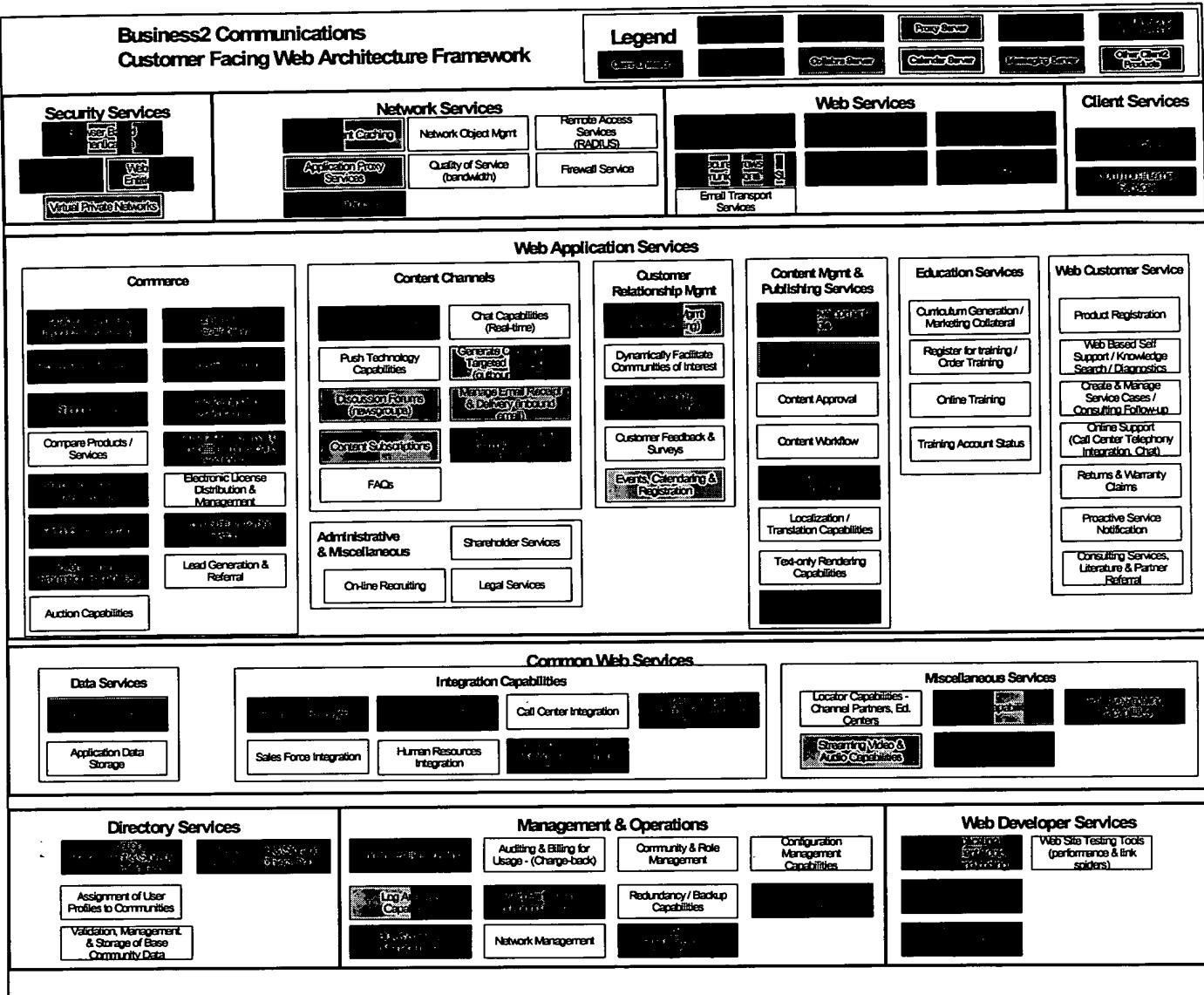


Figure 1V

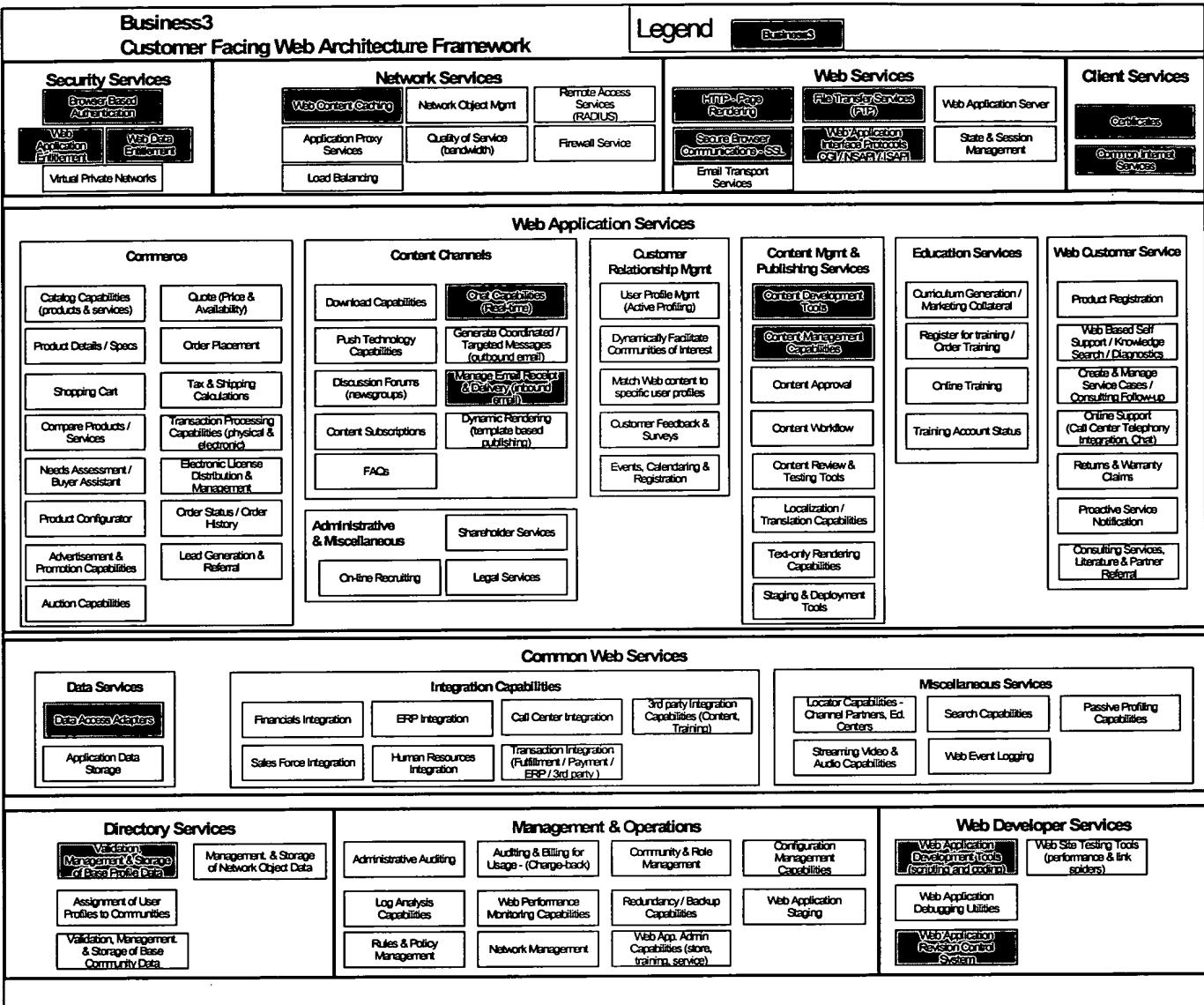


Figure 1W

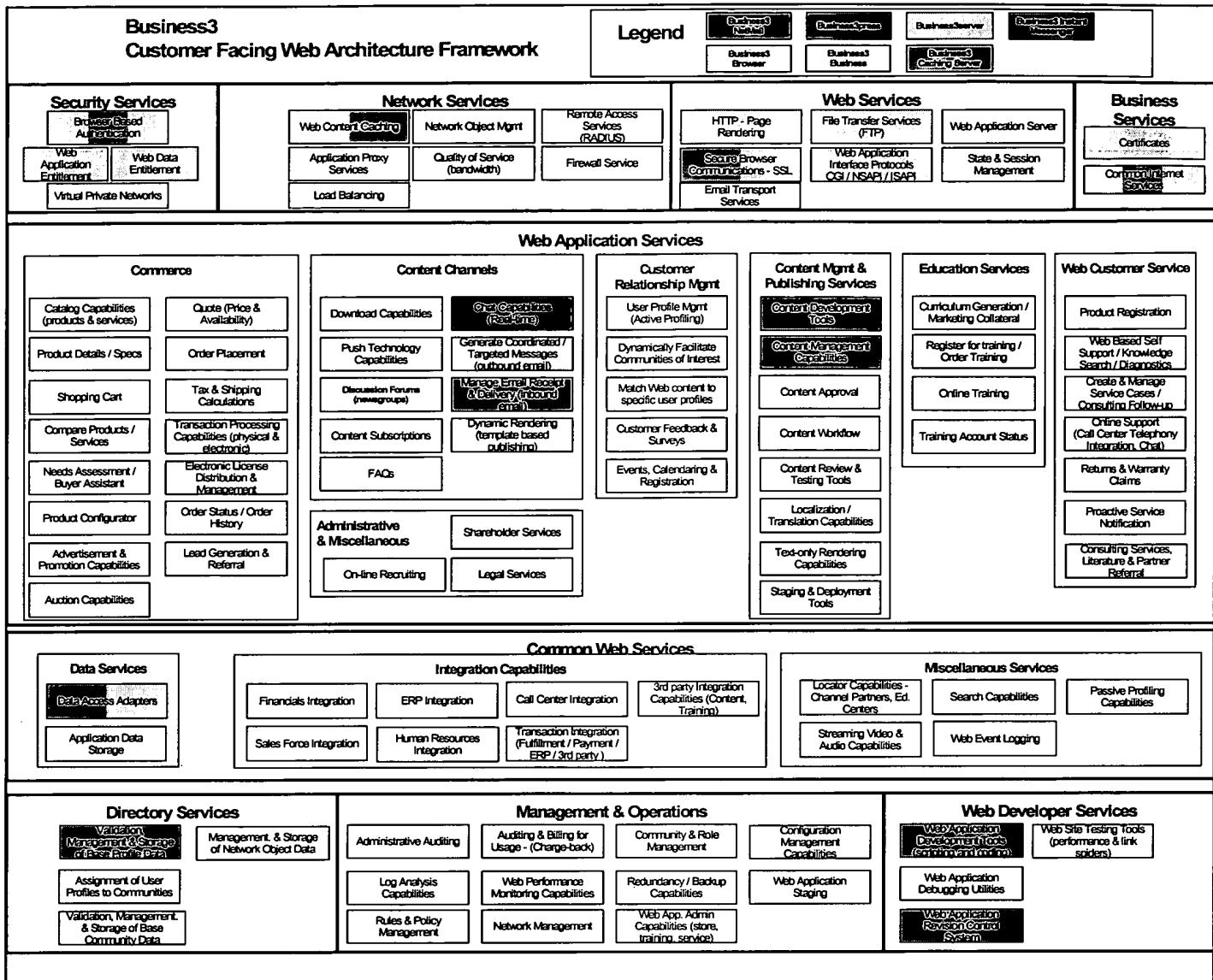


Figure 1X

Business1

Customer Facing Capabilities - Infrastructure Services

The legend contains 16 icons representing various infrastructure services:

- News Server/Forum
- Calendar Server
- SunScreen/Sunrise
- JavaWorld/JavaCard eCheck
- Mail Server
- NetDynamics
- Network MultiTools
- Development Tools
- System MultiTools
- SurfJava
- JavaCard eCheck
- JavaWorld
- NetDynamics
- Network MultiTools
- Development Tools
- System MultiTools

Core Capabilities		Extended Detail		Core Capabilities		Extended Detail					
Security Services											
<ul style="list-style-type: none"> Verifies user identity using built-in browser functionality Maintains authentication information throughout sessions Utilizes centralized directory of profiles <input type="checkbox"/> Provides LDAP compatibility <input type="checkbox"/> Provides NDS compatibility 				<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Passes requests from external clients to internal web servers and returns results <input type="checkbox"/> Serves as trusted agent to access machines on the behalf of clients <input type="checkbox"/> Hides IP Addresses of machines from external clients <input type="checkbox"/> Provides configuration control over access permissions <input type="checkbox"/> Provides reverse proxy services 							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<ul style="list-style-type: none"> Restricts access to specific web applications based upon user privileges Determines if a user or group of users have permission to perform an operation in a specific application Utilizes centralized directory of profiles for entitlement data <input type="checkbox"/> Provides LDAP compatibility <input type="checkbox"/> Provides NDS compatibility 				<ul style="list-style-type: none"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<ul style="list-style-type: none"> Restricts access to web content and data based upon user privileges Determines if a user or group of users have permission to manipulate web data (create, read, update, delete) Utilizes centralized directory of profiles for entitlement data <input type="checkbox"/> Provides LDAP compatibility <input type="checkbox"/> Provides NDS compatibility 				<ul style="list-style-type: none"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<ul style="list-style-type: none"> Offers guaranteed secure data transfer Allows remote login Provides ability to grant varying levels of access based on user identity 				<ul style="list-style-type: none"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 							
Network Services				<ul style="list-style-type: none"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<ul style="list-style-type: none"> Stores frequently requested web pages and graphics in a temporary location Serves up previously cached content without accessing original source Updates cache automatically to ensure integrity of content 				<ul style="list-style-type: none"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 							

Figure 1Y

Client2 Application Server

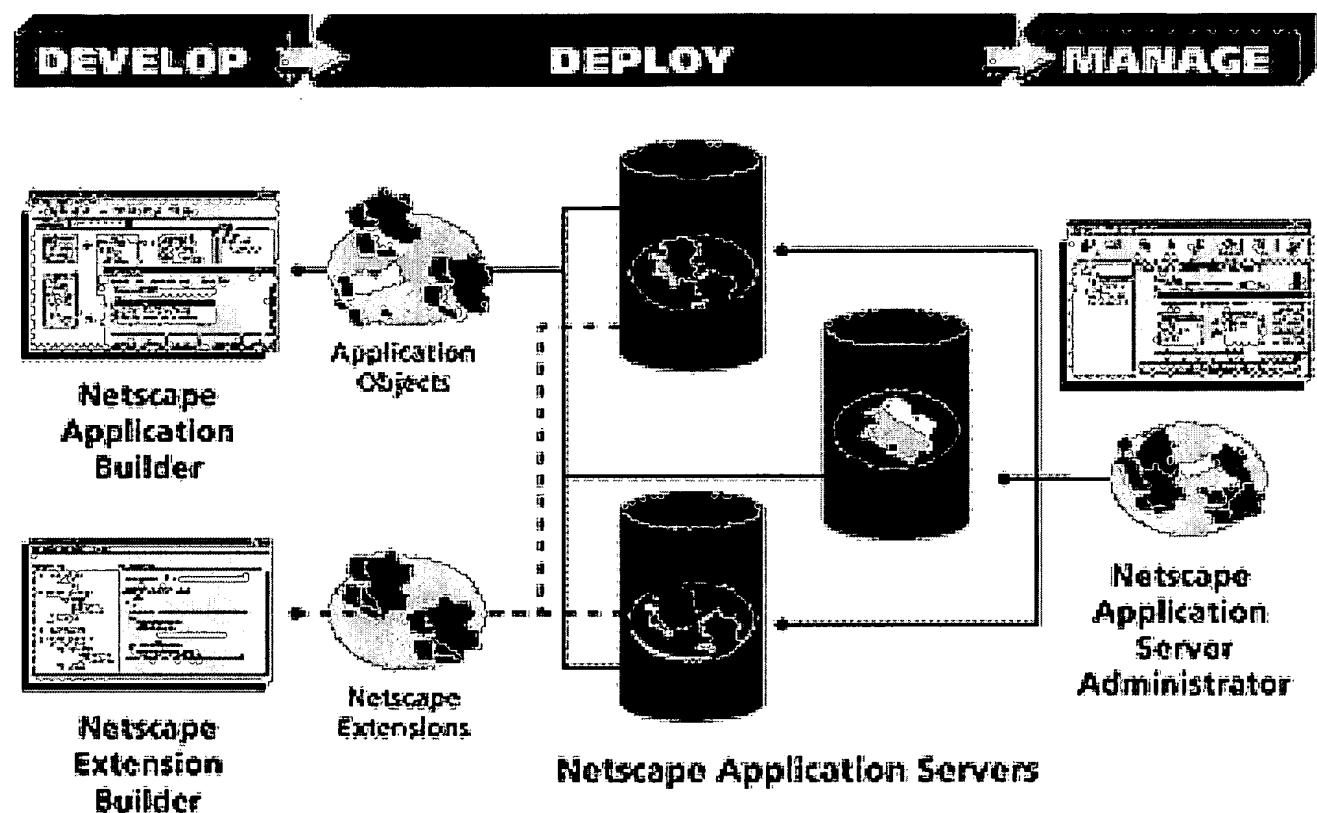


Figure 1Z

Client2 Application Server

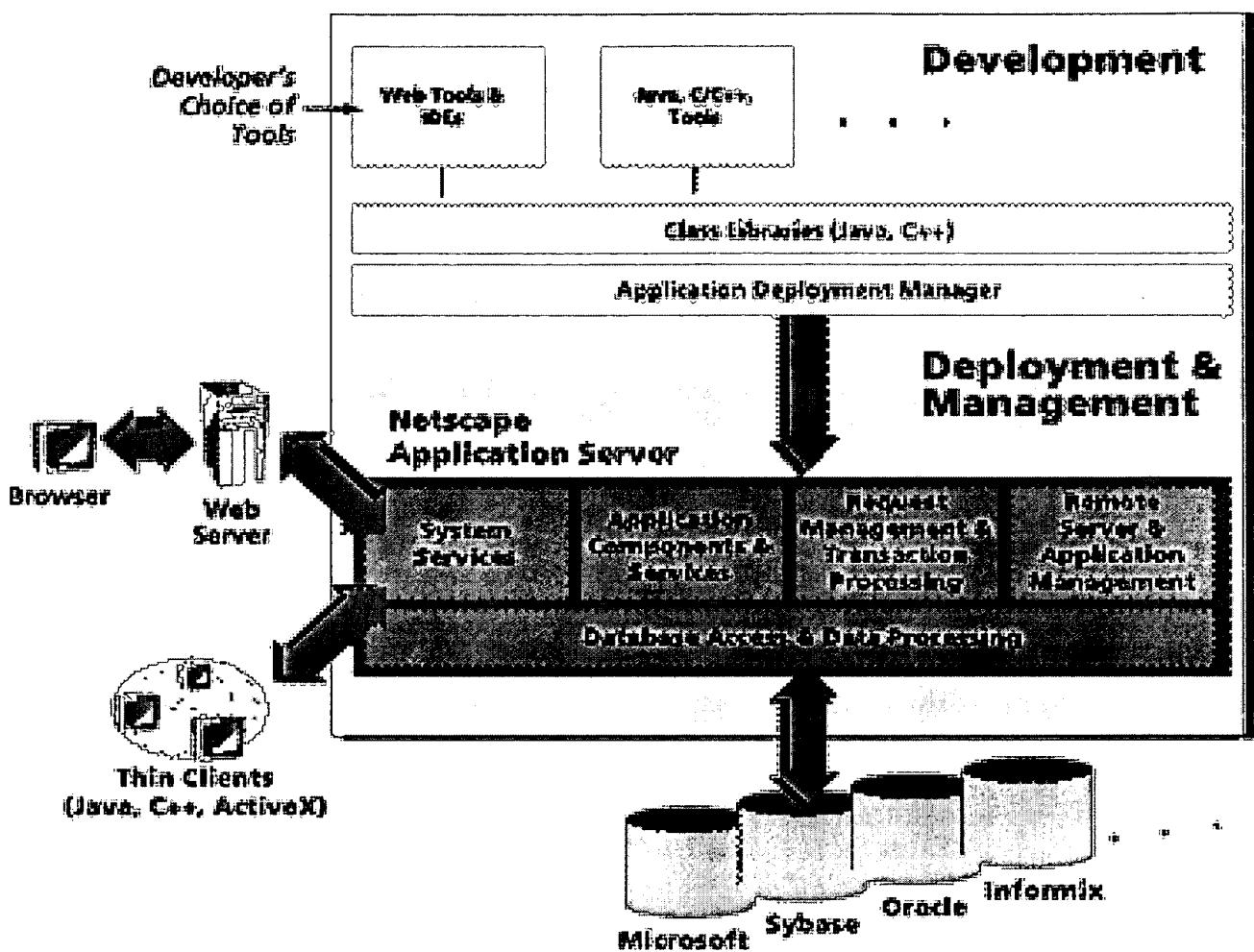


Figure 1AA

Client2 ECXpert

662-250-7602

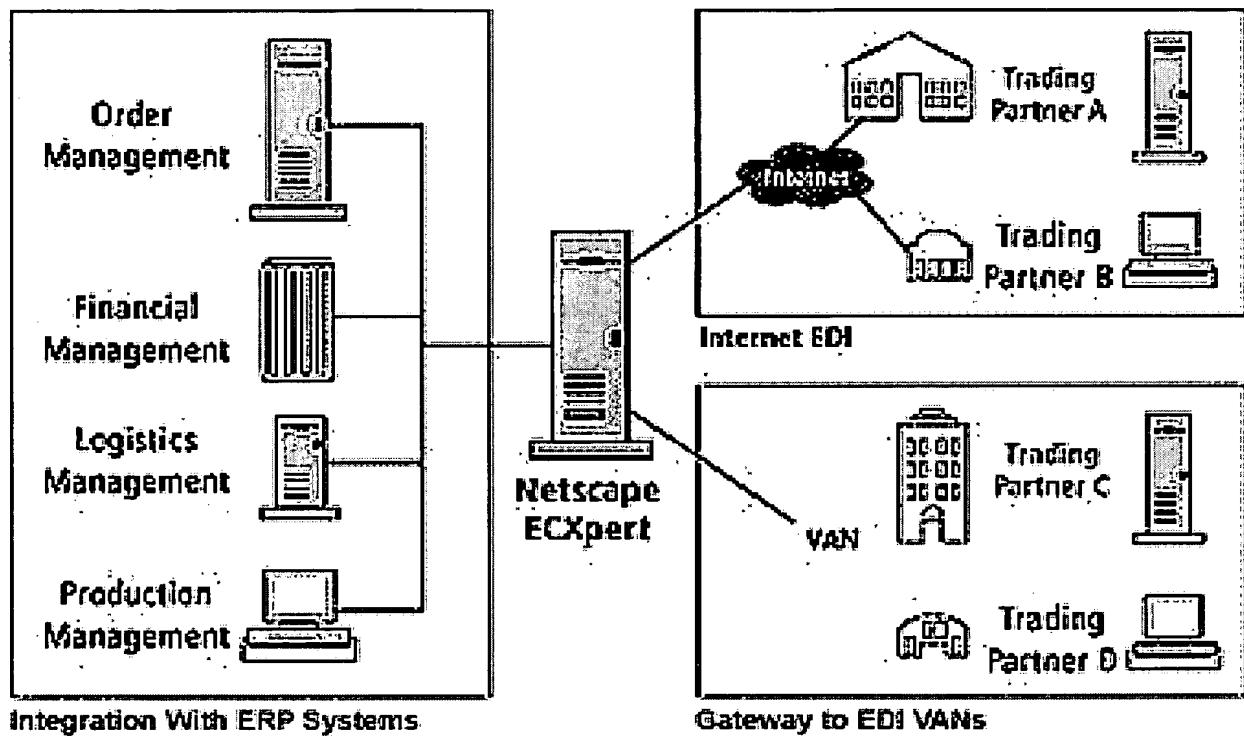


Figure 1AB

Client2 ECXport

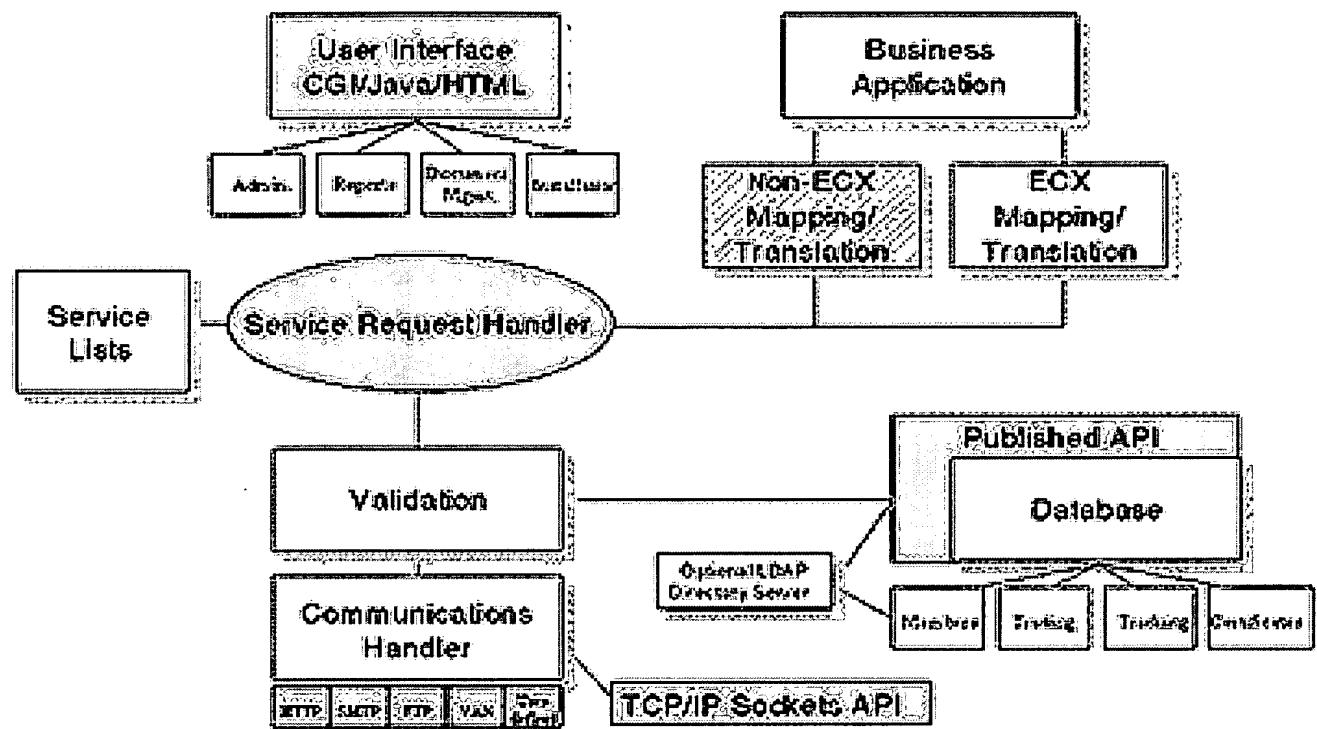


Figure 1AC

Client2 SellerXpert

6542500-72602660

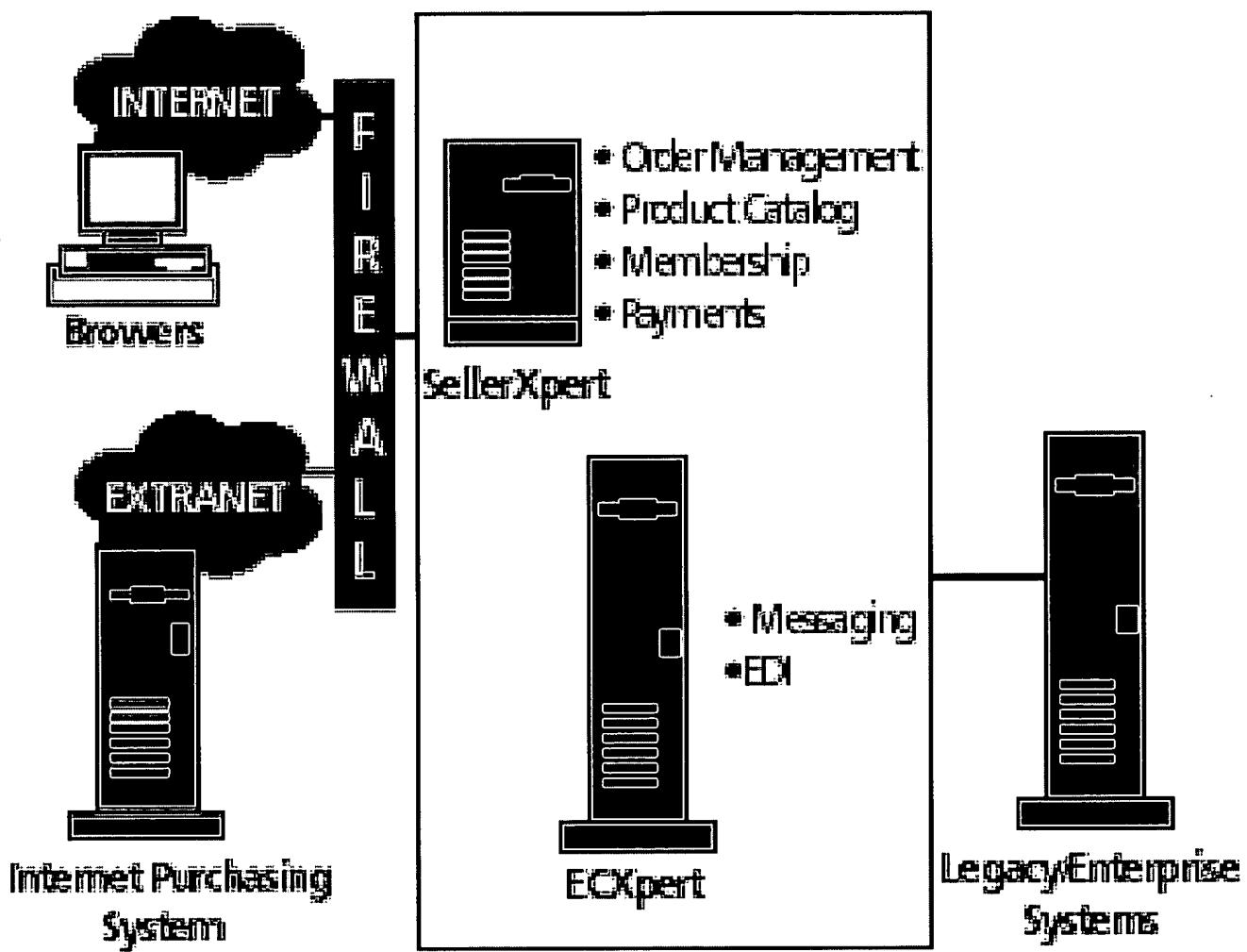


Figure 1AD

Client2 PublishingXpert

652250-12602360

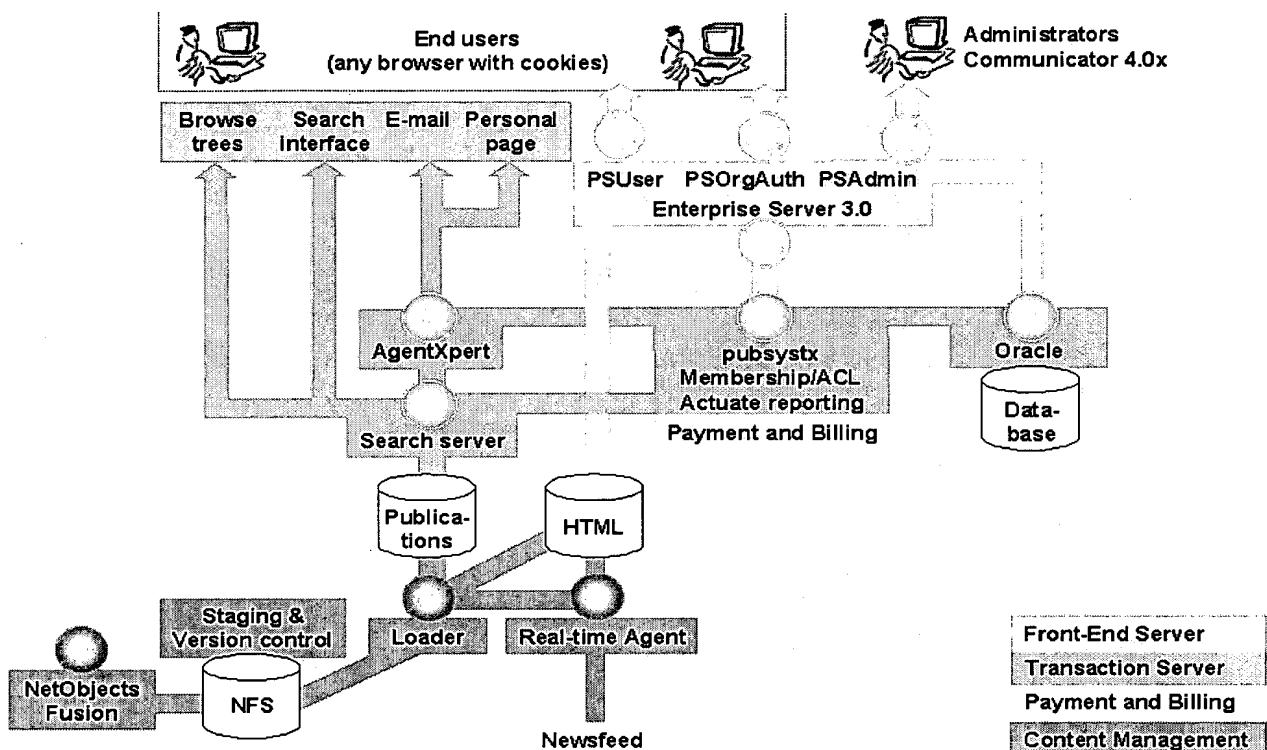
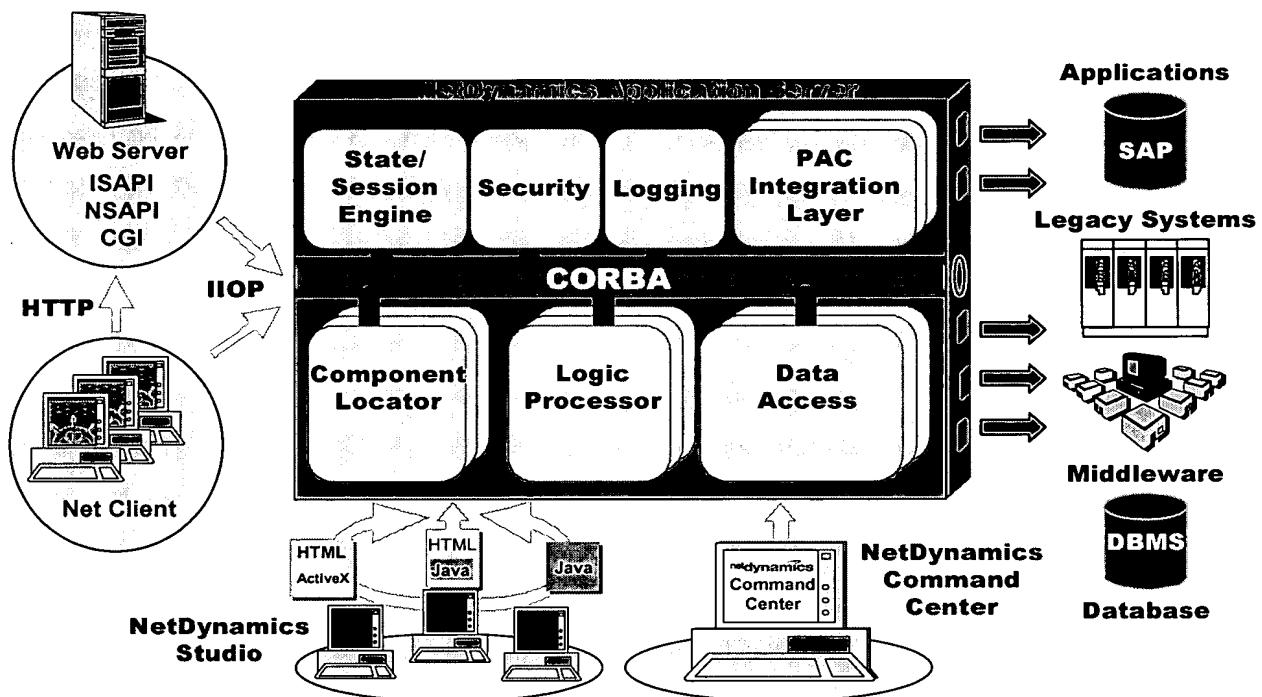


Figure 1AE

Client N tDynamics

662250° T2602260



- ① Any Web browser requests a dynamic-page
- ② The Web server notifies ColdFusion
- ③ ColdFusion processes the dynamic-page based on the CFML tags
- ④ ColdFusion generates an HTML page
- ⑤ The Web server sends the HTML page to the browser

Figure 1AF

Client1 Internet Mail Server

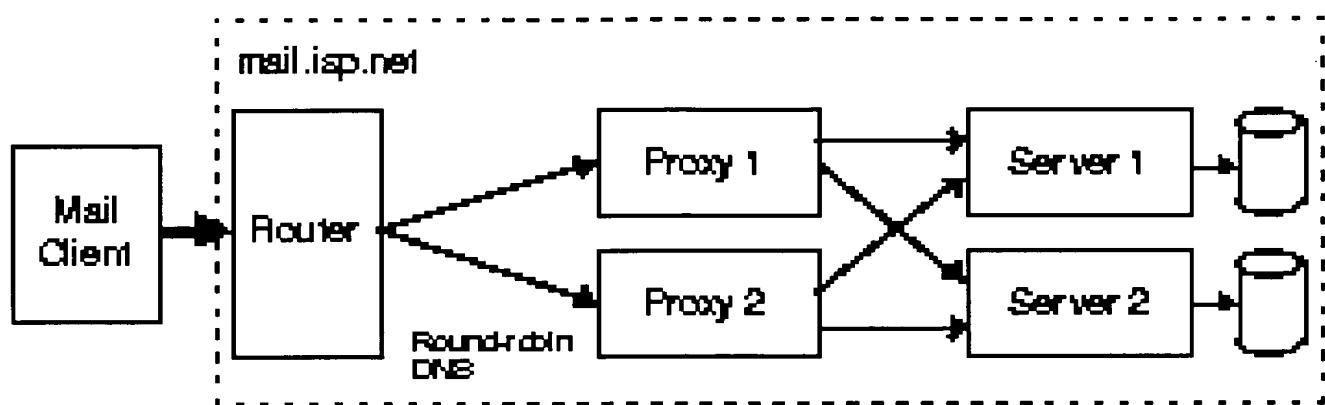


Figure 1AG

Client Internet News Server

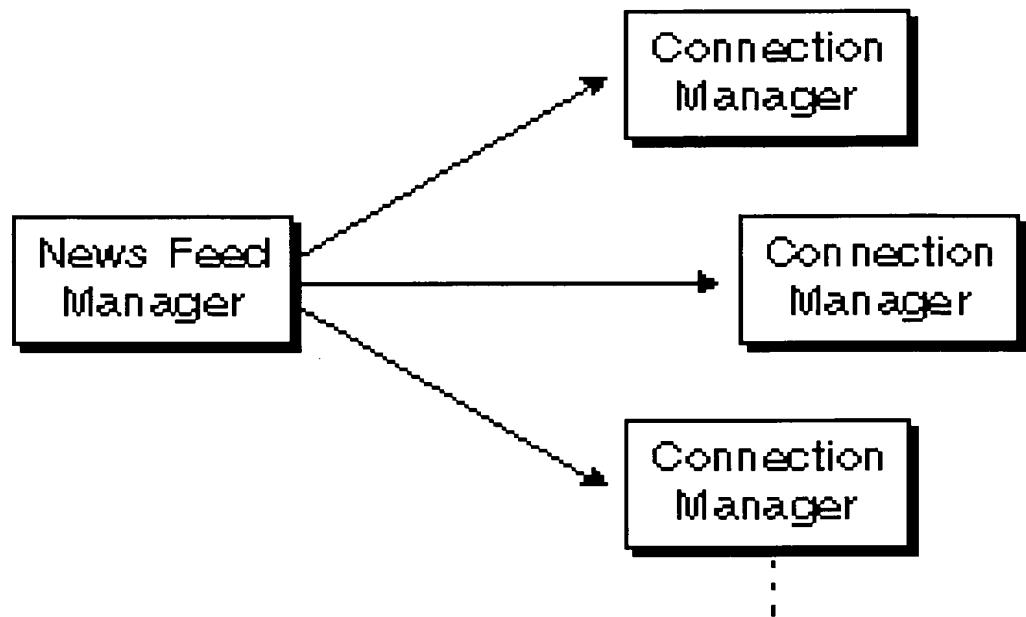


Figure 1AH

Client Personal WebAccess Browser

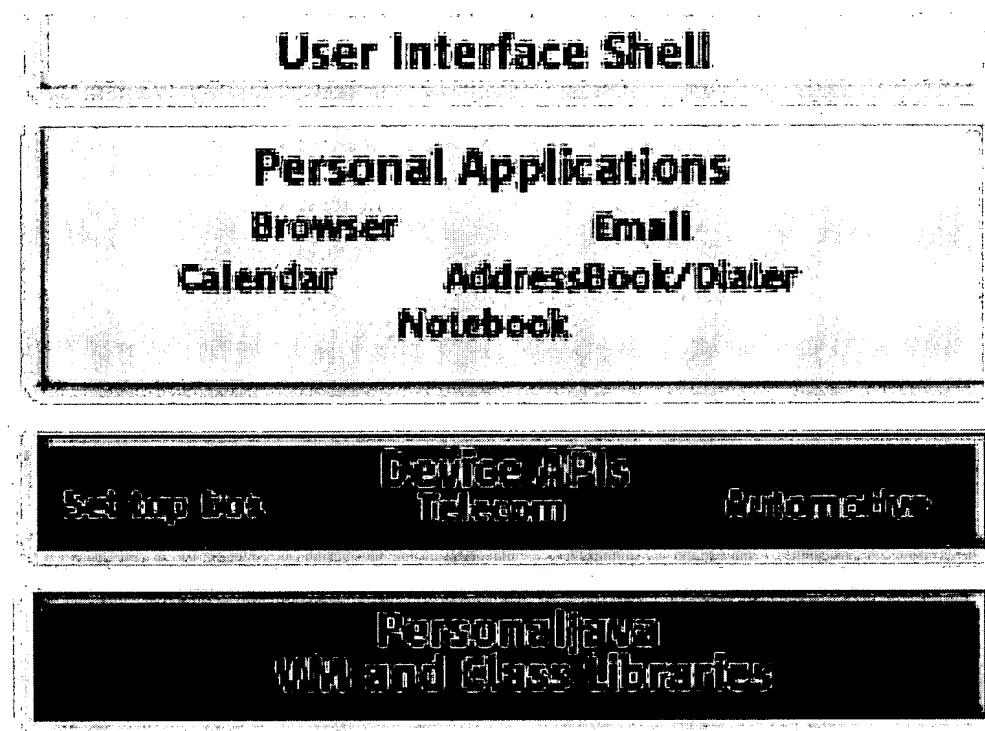


Figure 1A1

Client Directory Services

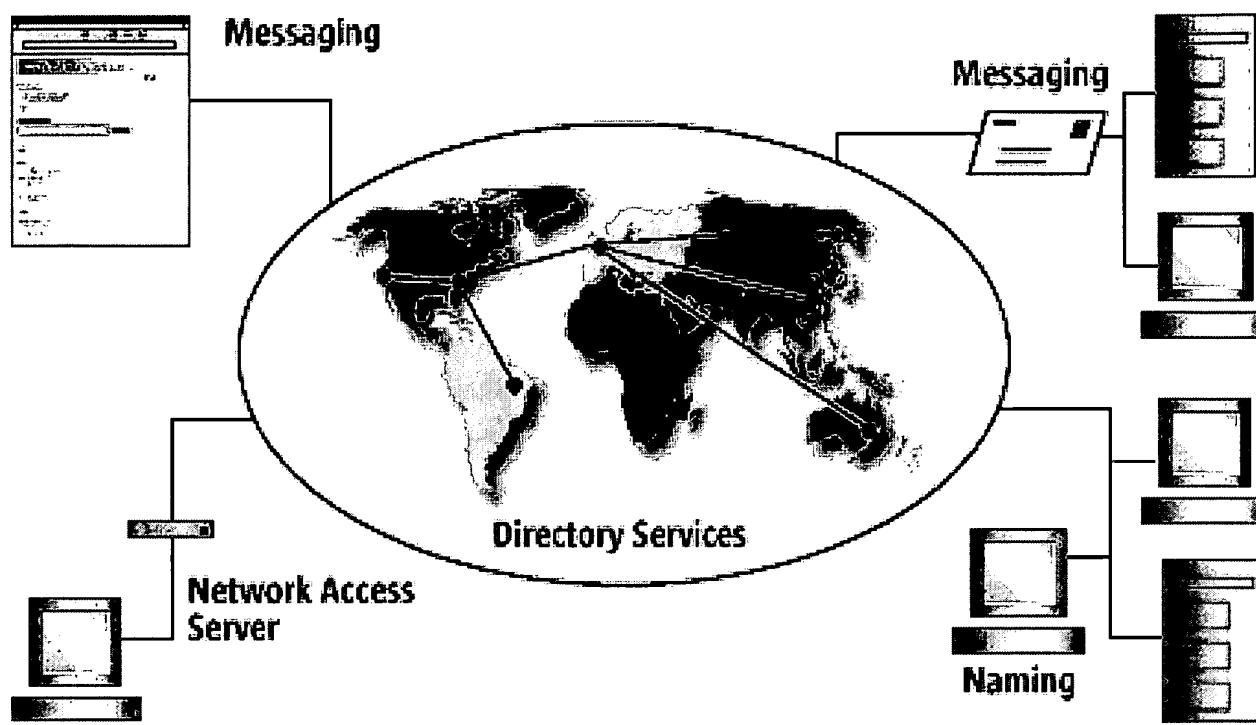


Figure 1AJ

Client JavaWall t

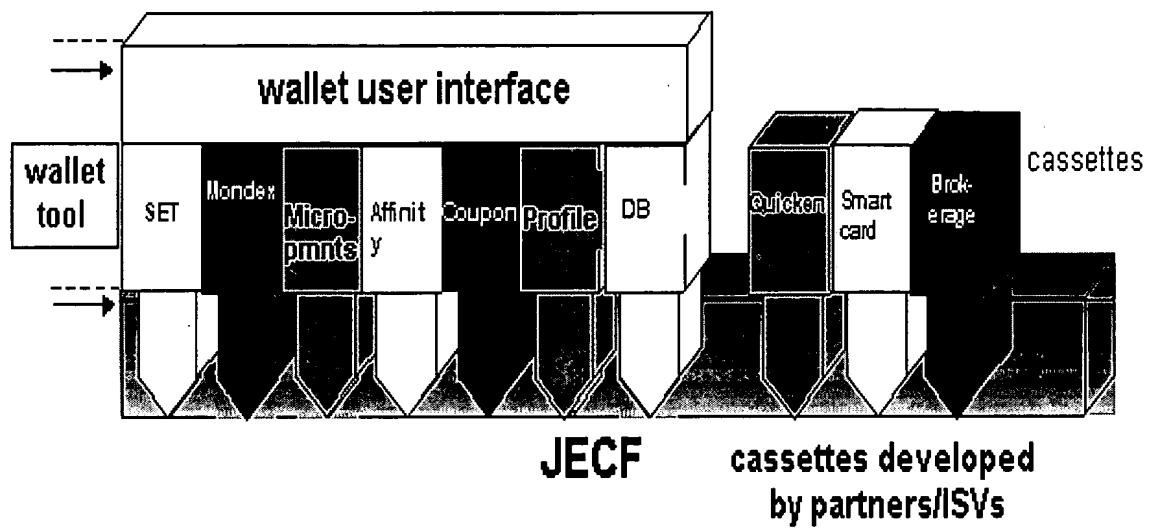


Figure 1AK

Client1Scr n Product Suite

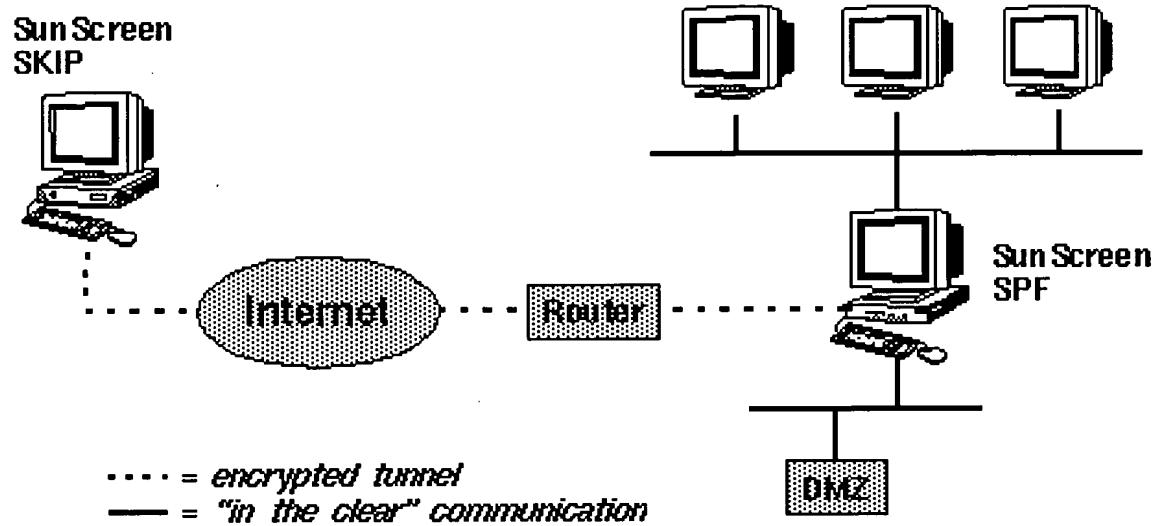


Figure 1AL

Netra Internet Server Bundle

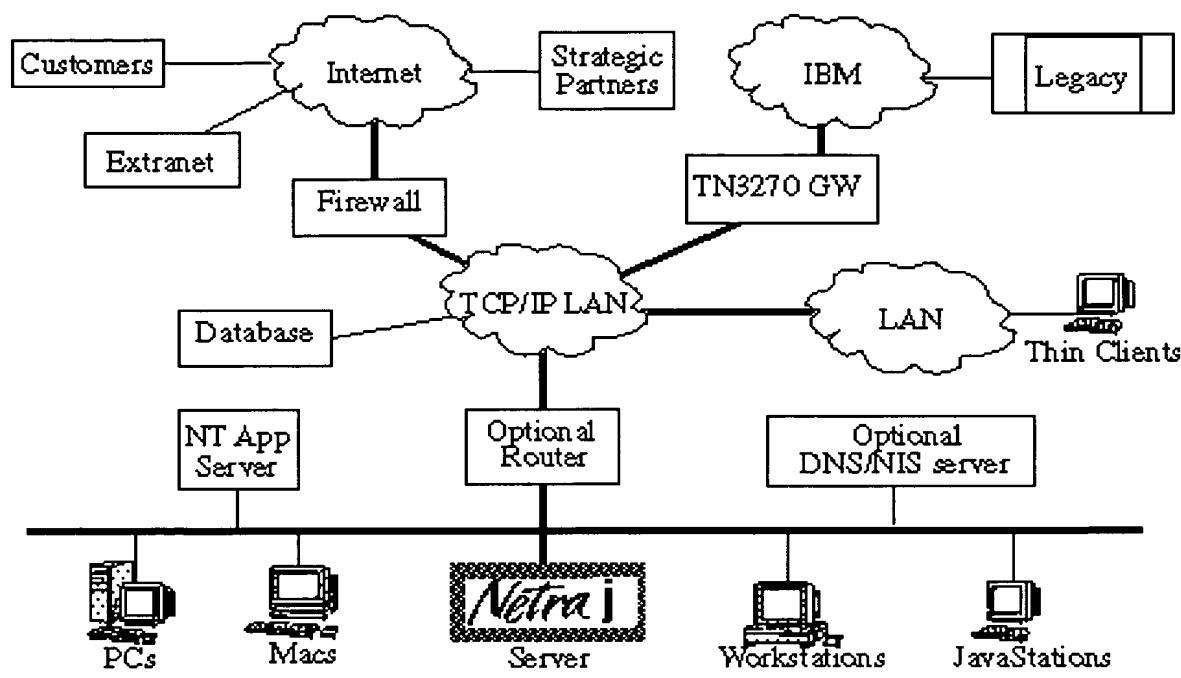


Figure 1AM

Solaris ISP Server Bundl

662250-TR66666

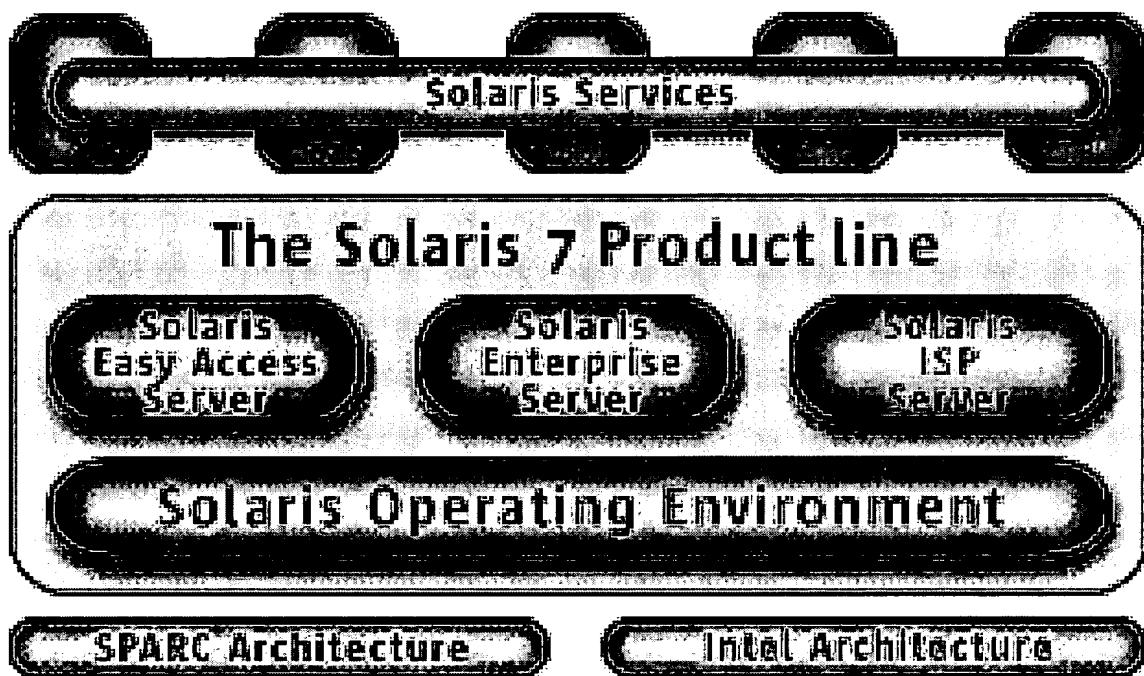


Figure 1AN

Development & Testing Tools

664250-TE602E60

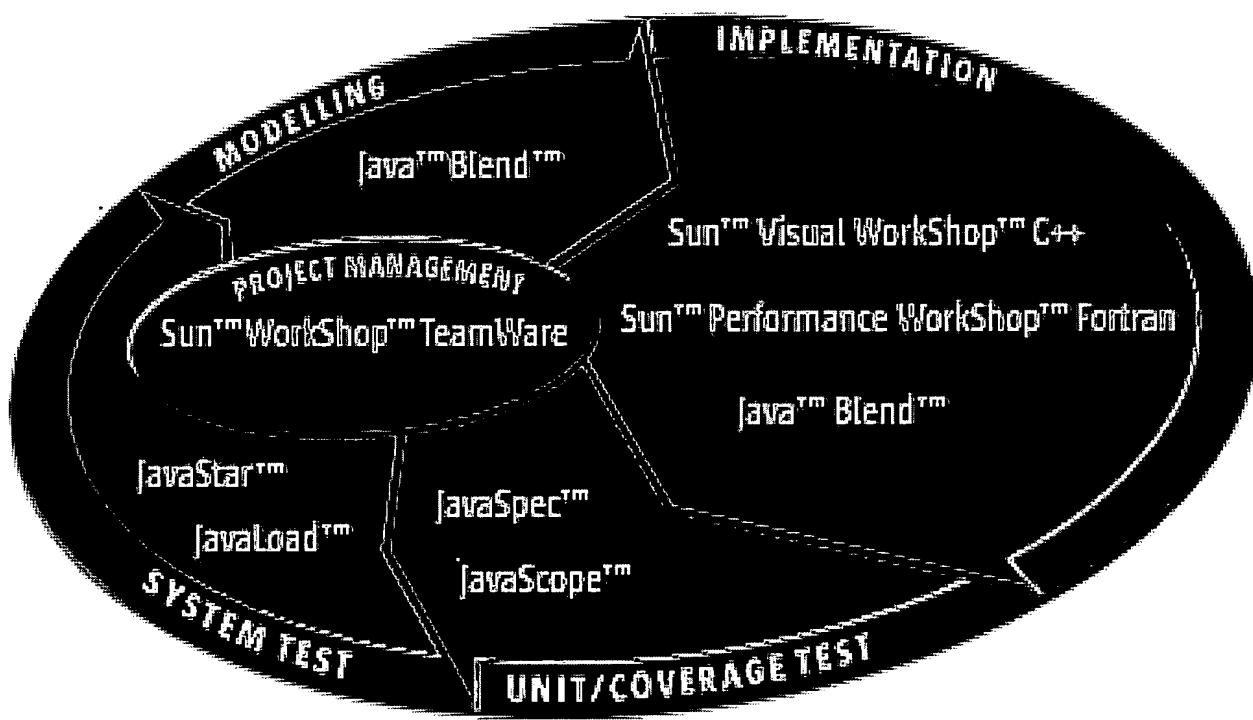


Figure 1AO

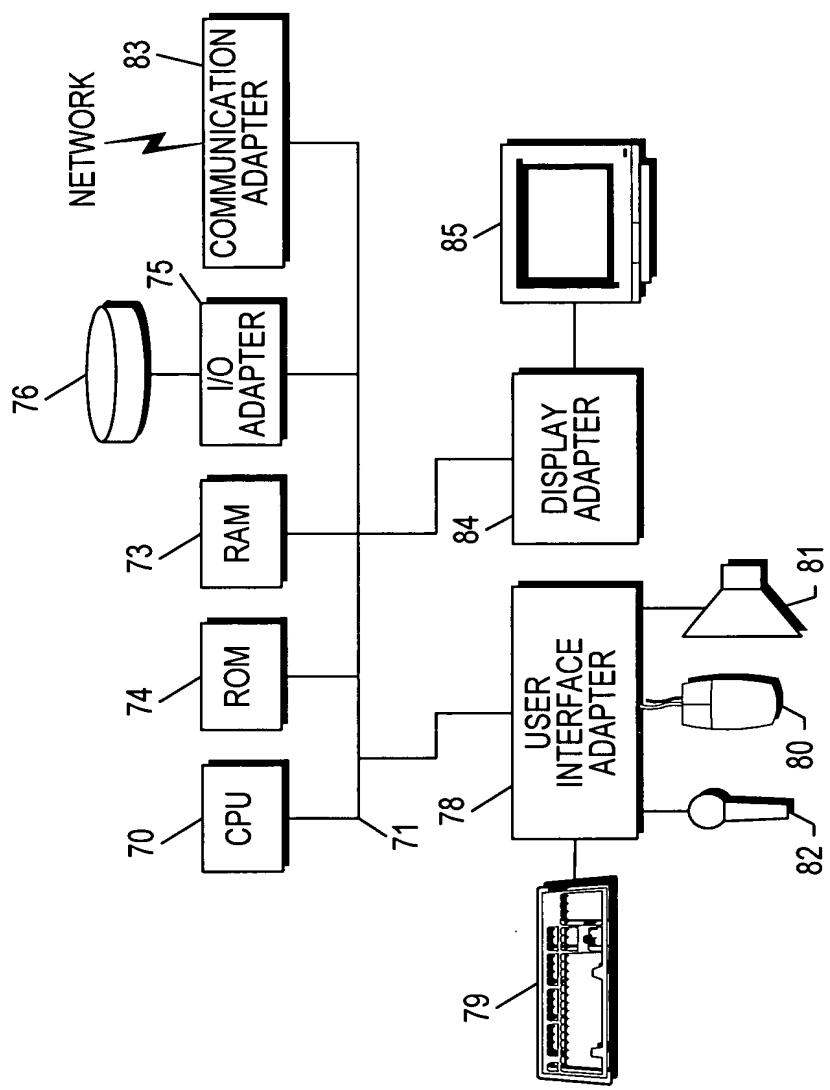


Figure 2A

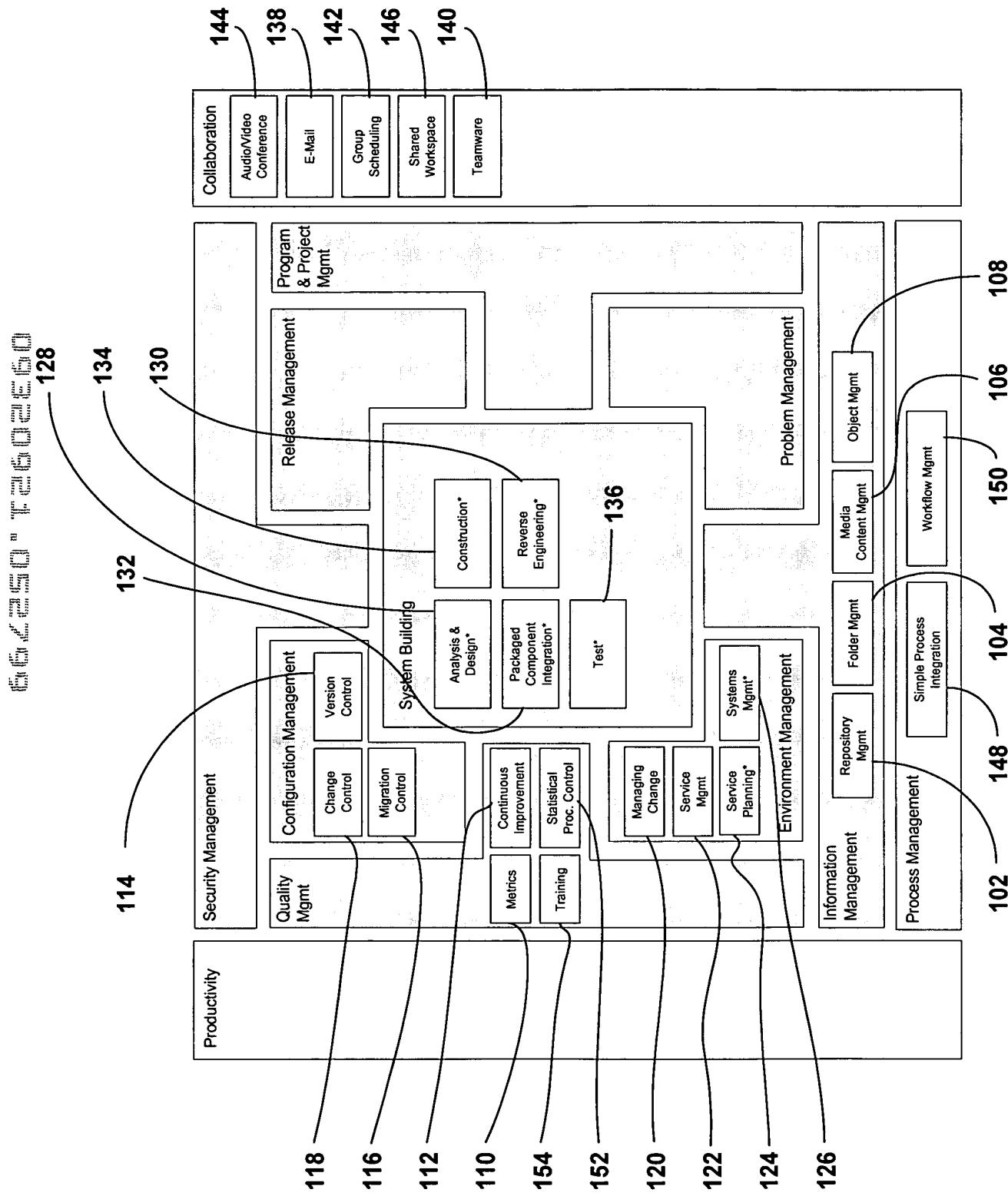


Figure 2B

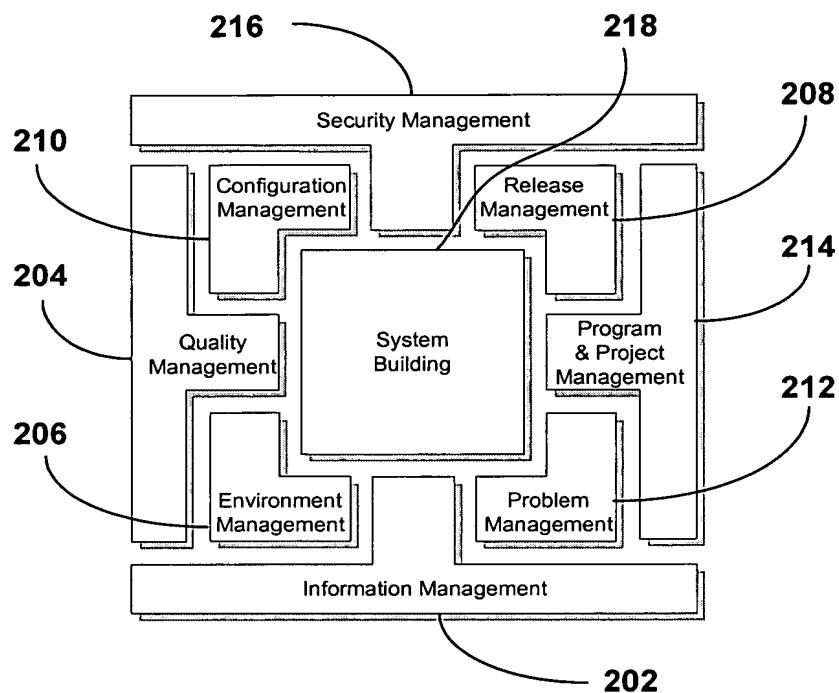


Figure 2C

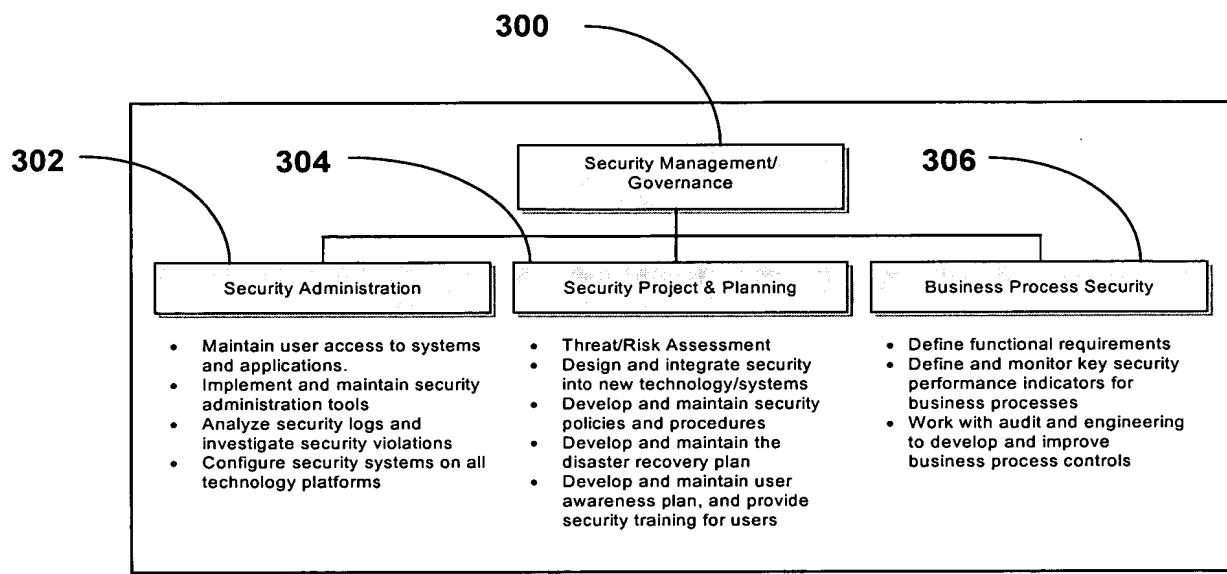


Figure 3

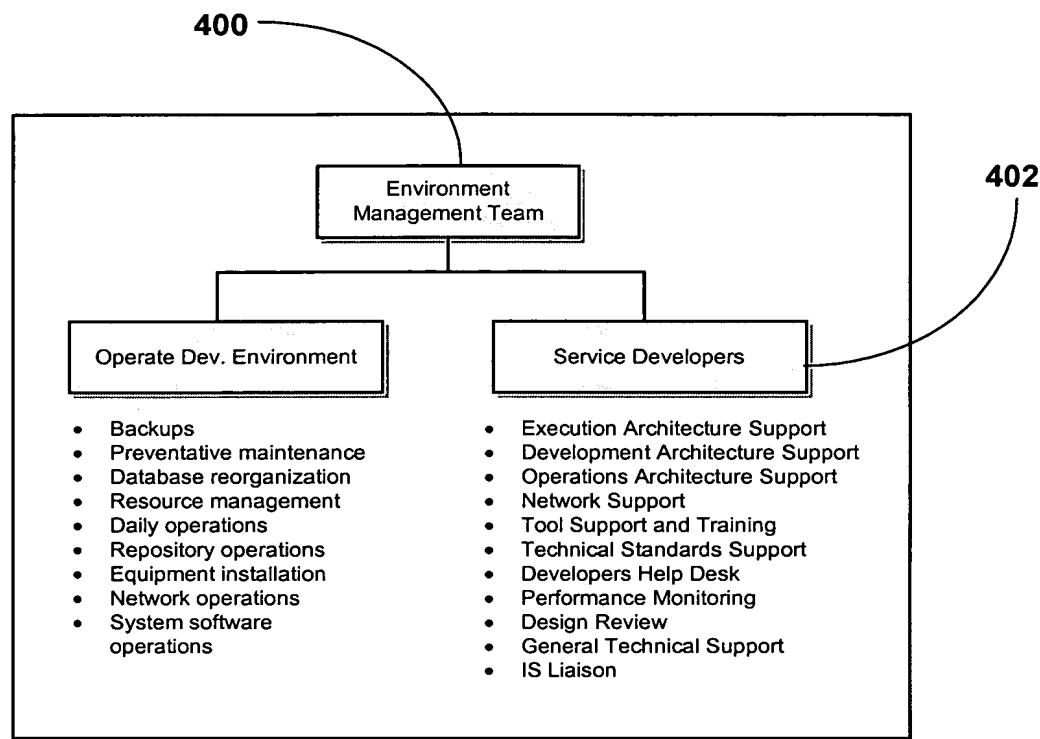
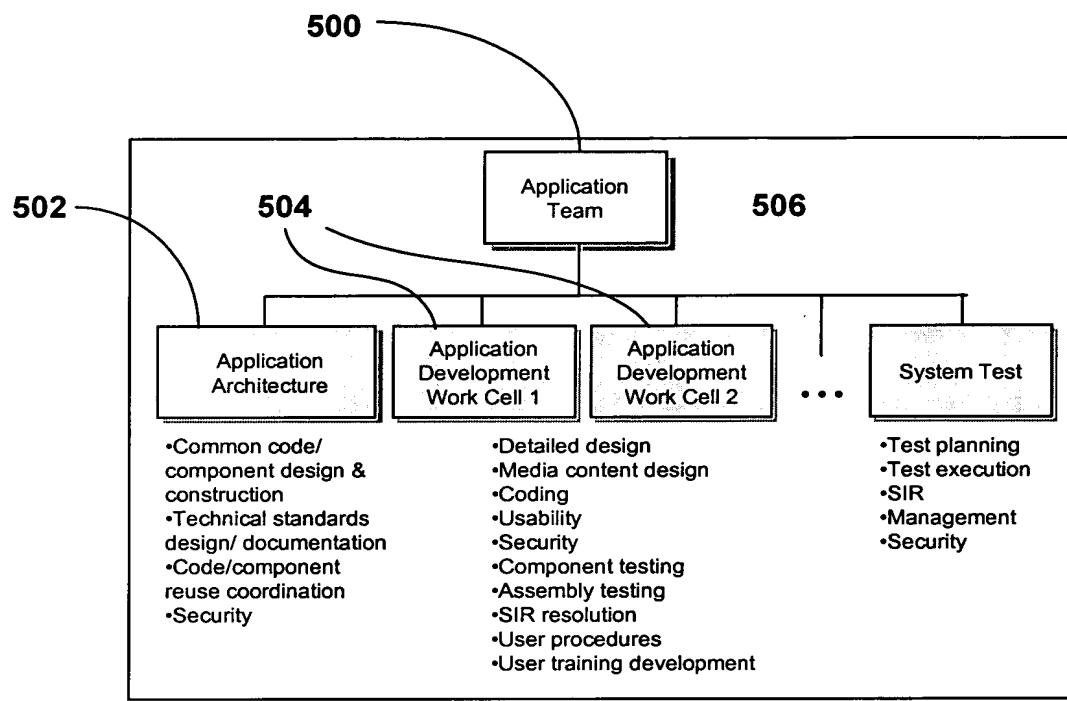


Figure 4



Figur 5

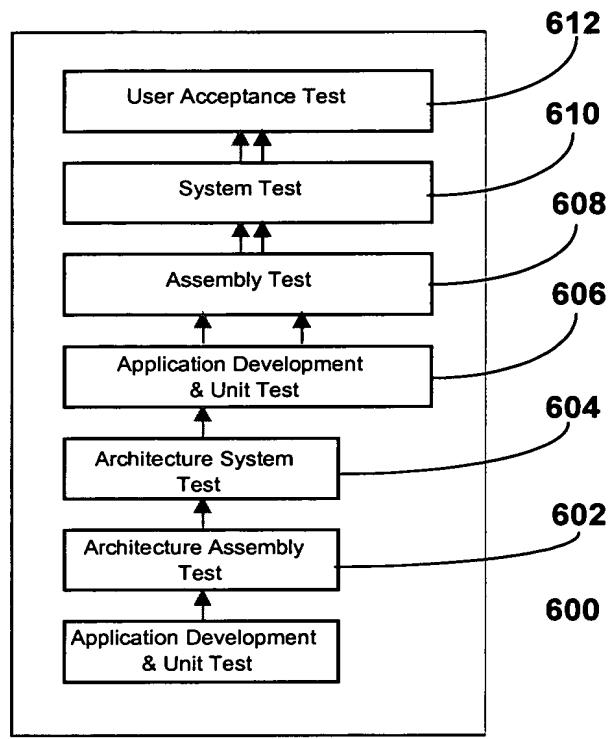


Figure 6

662250-126022600

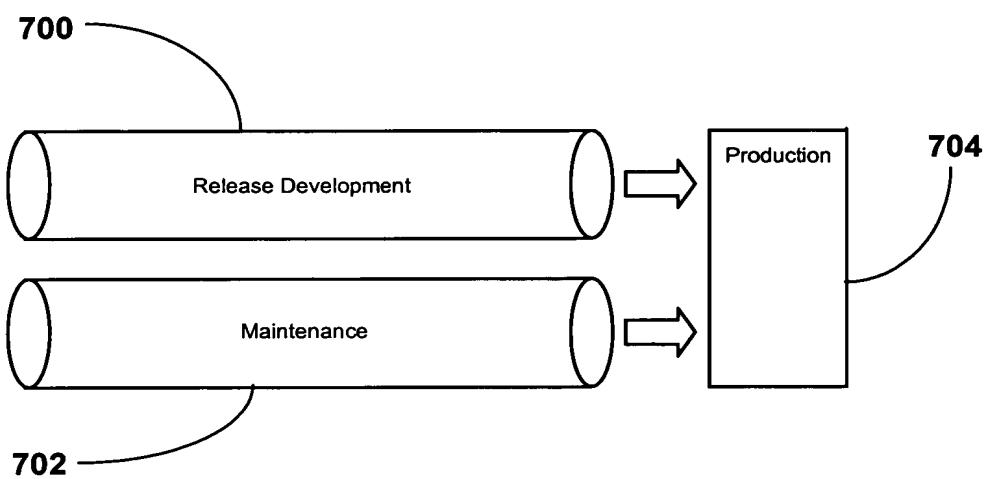
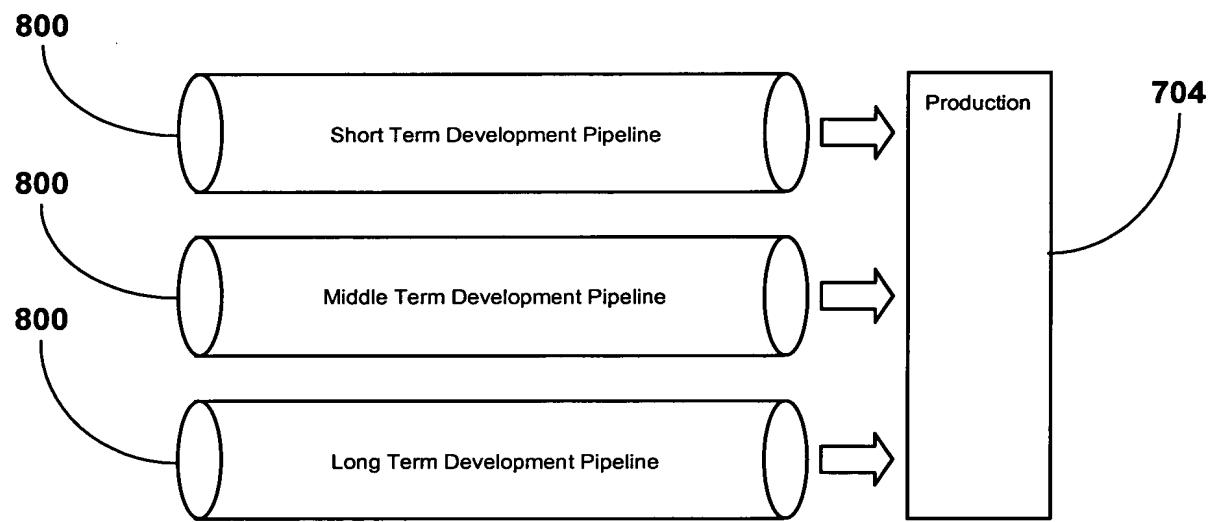


Figure 7



Figur 8

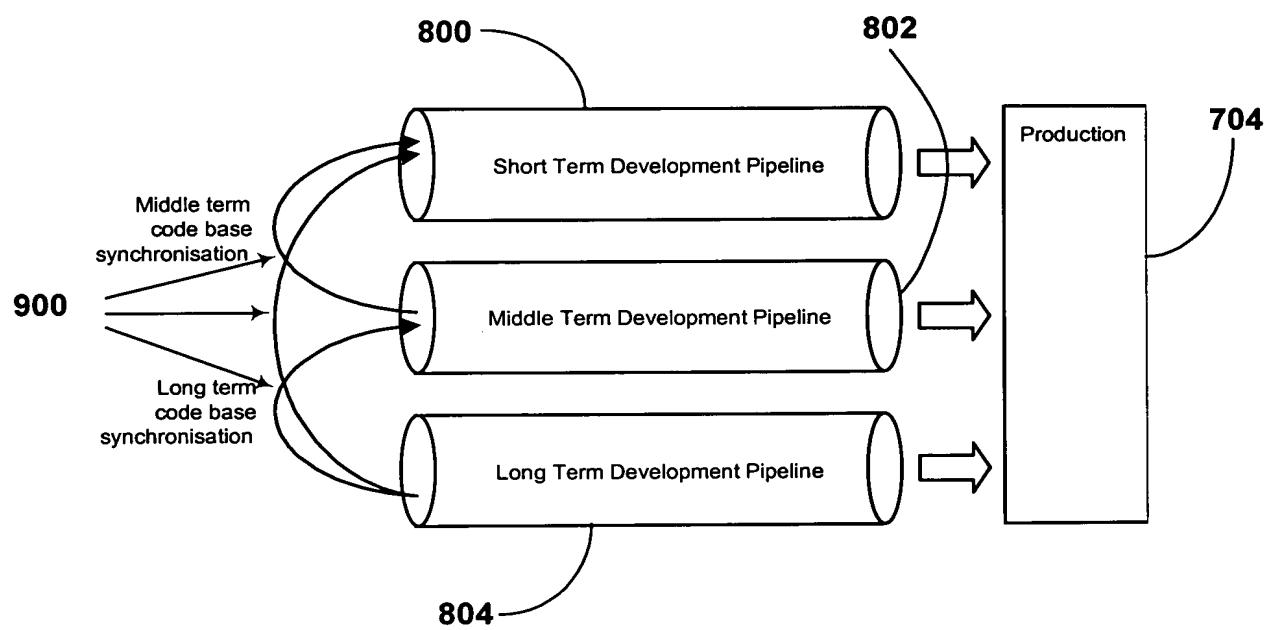


Figure 9

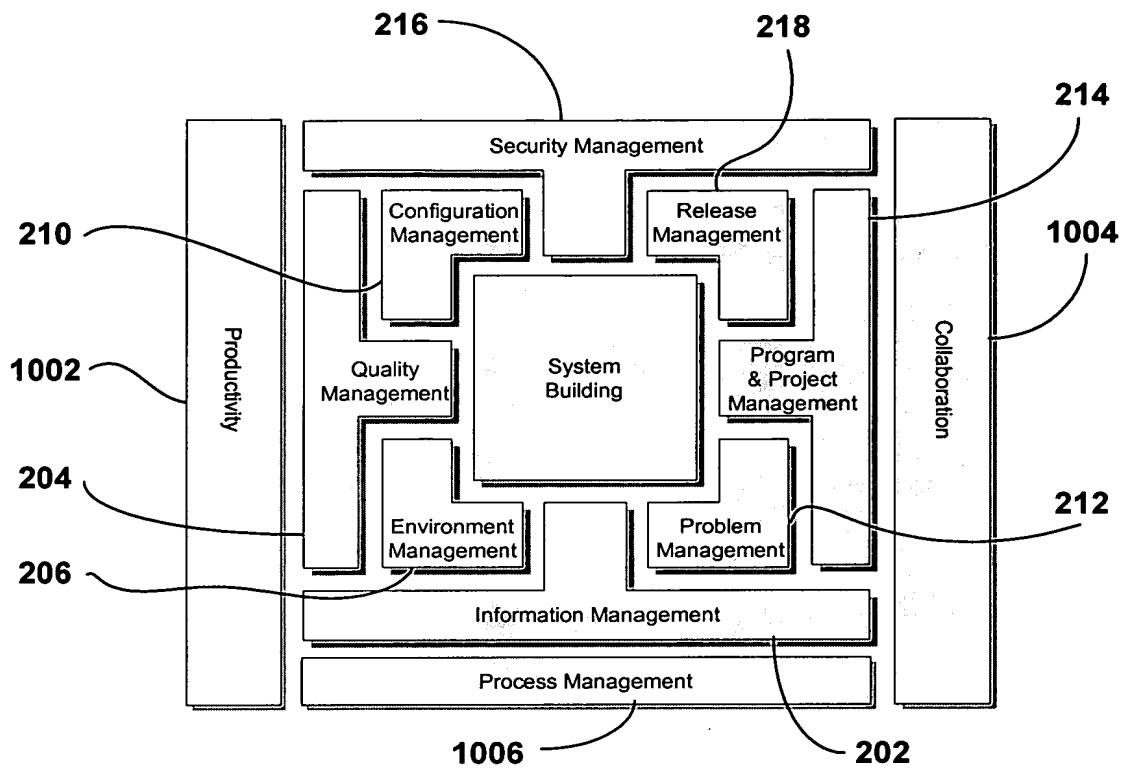


Figure 10

662250" T2602E50

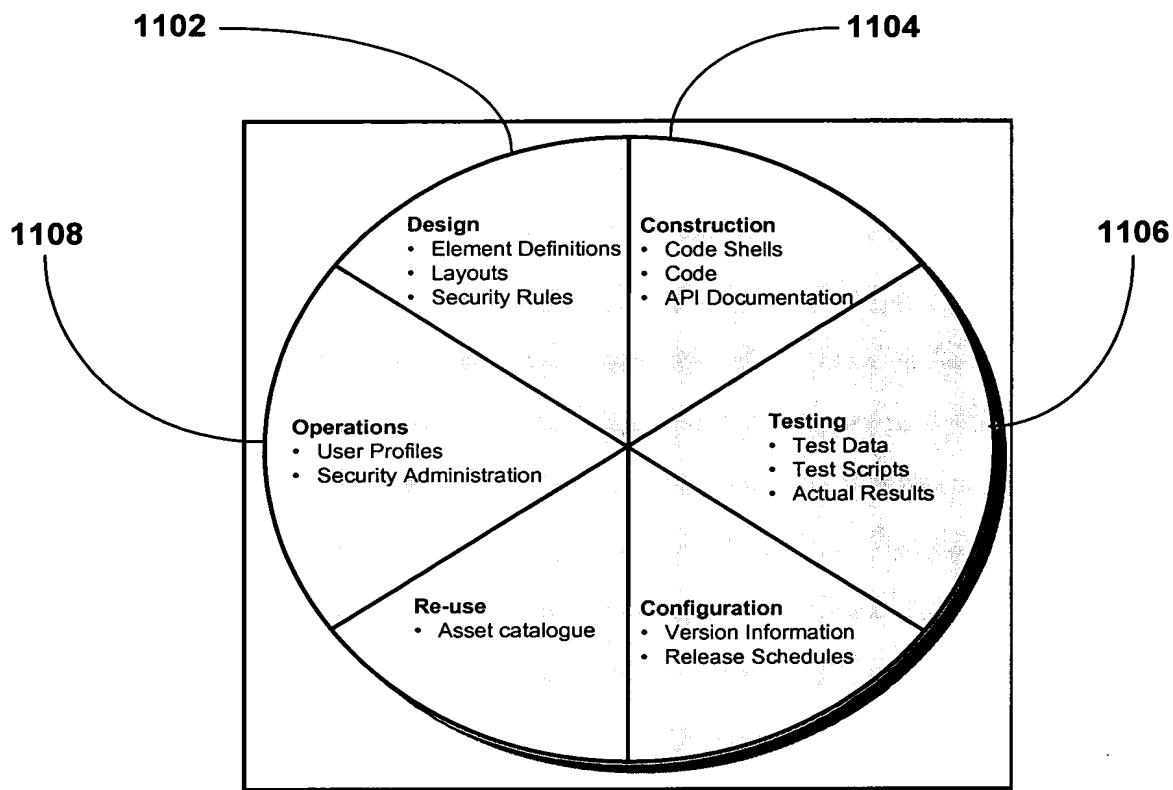


Figure 11

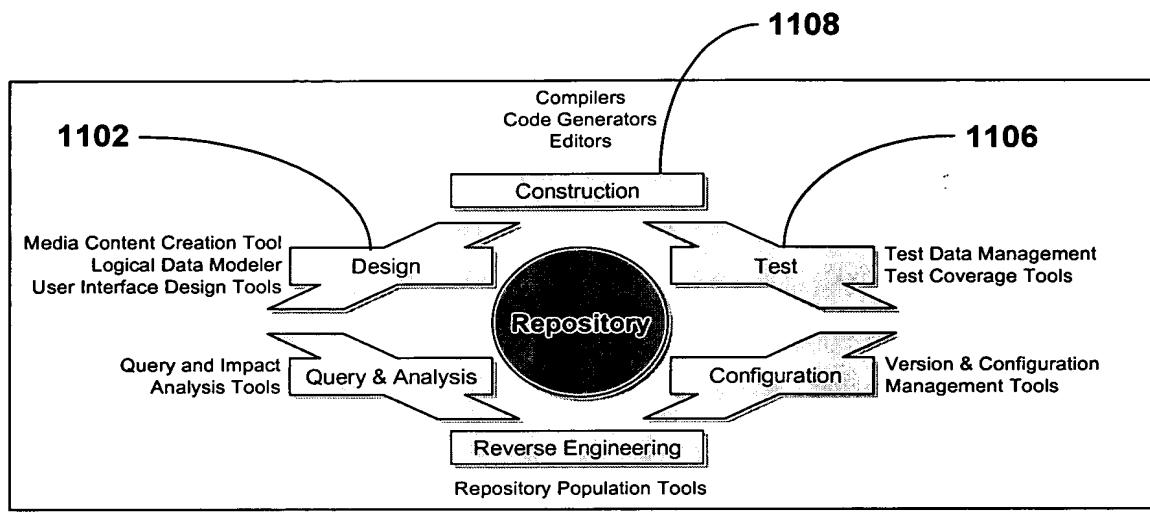


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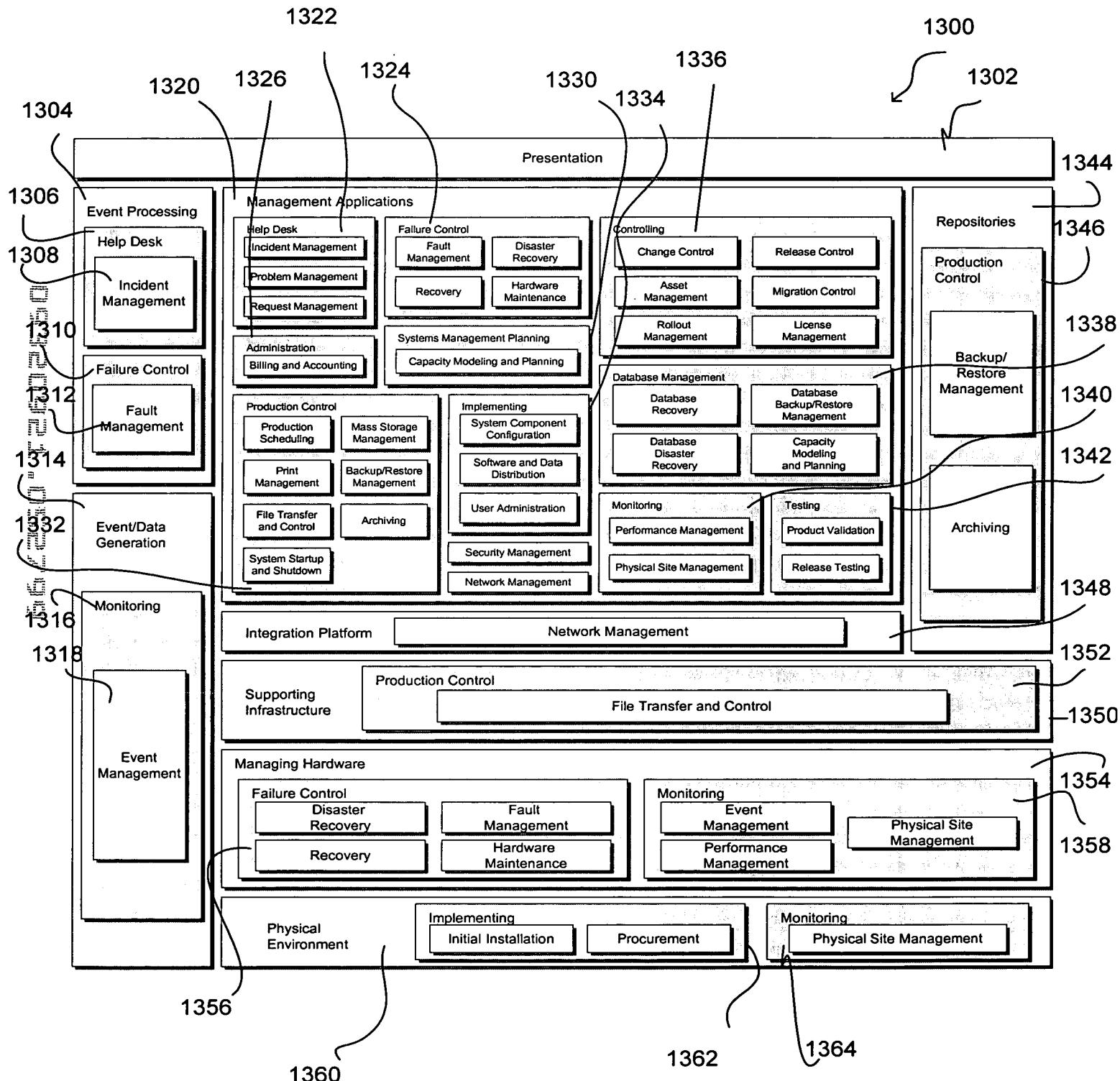


Figure 13

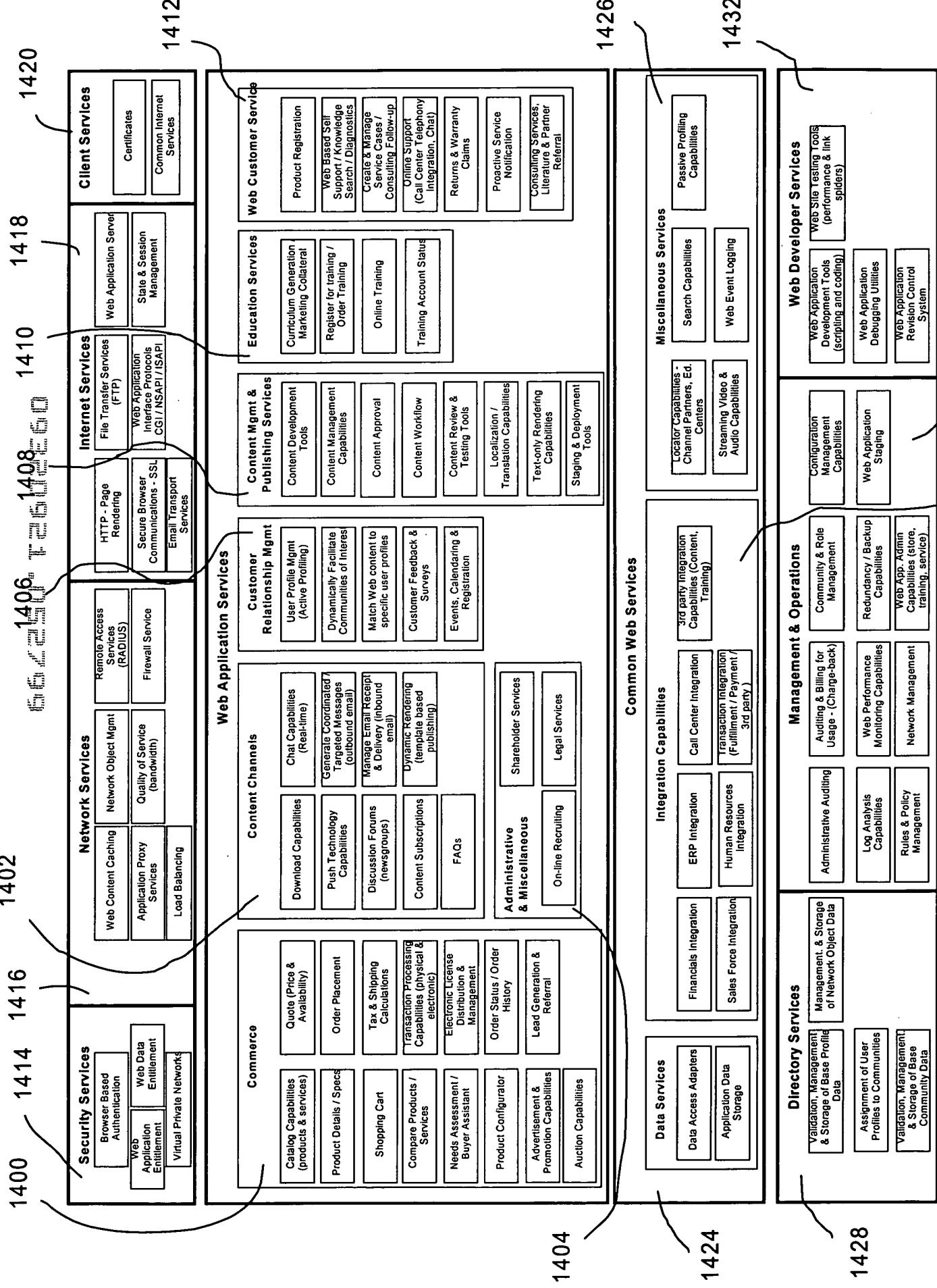


Figure 14 1422

1430

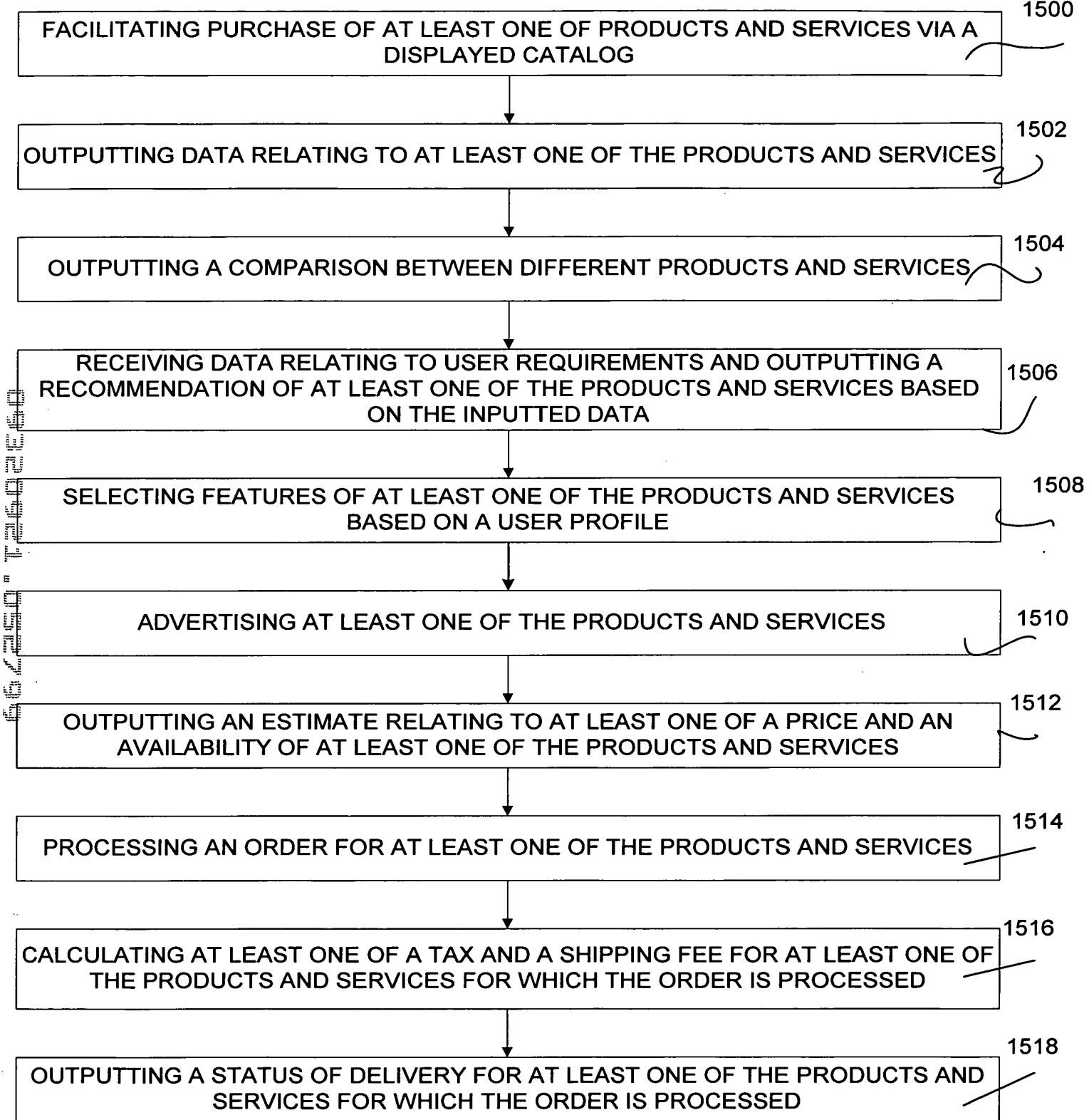


Figure 15

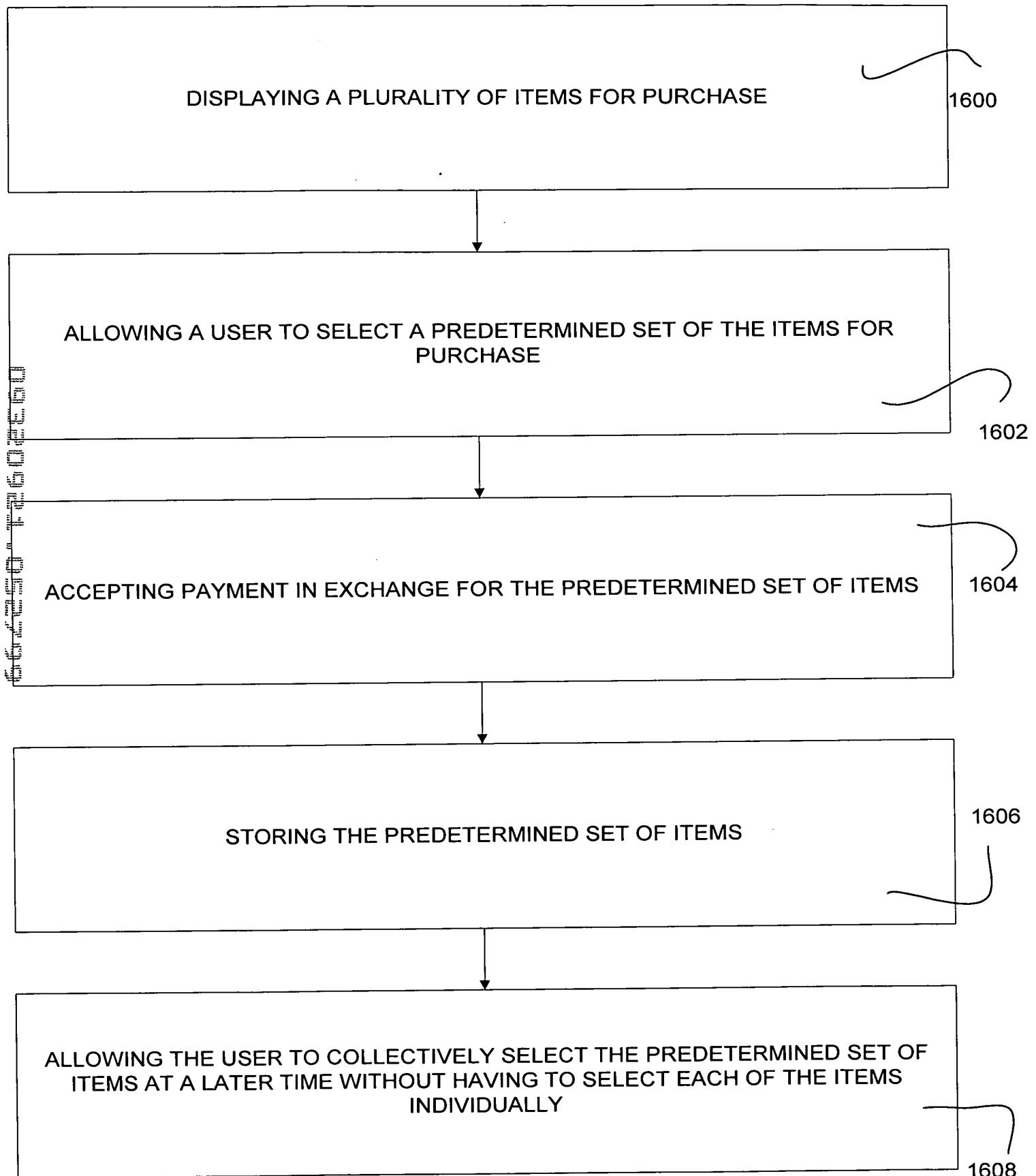
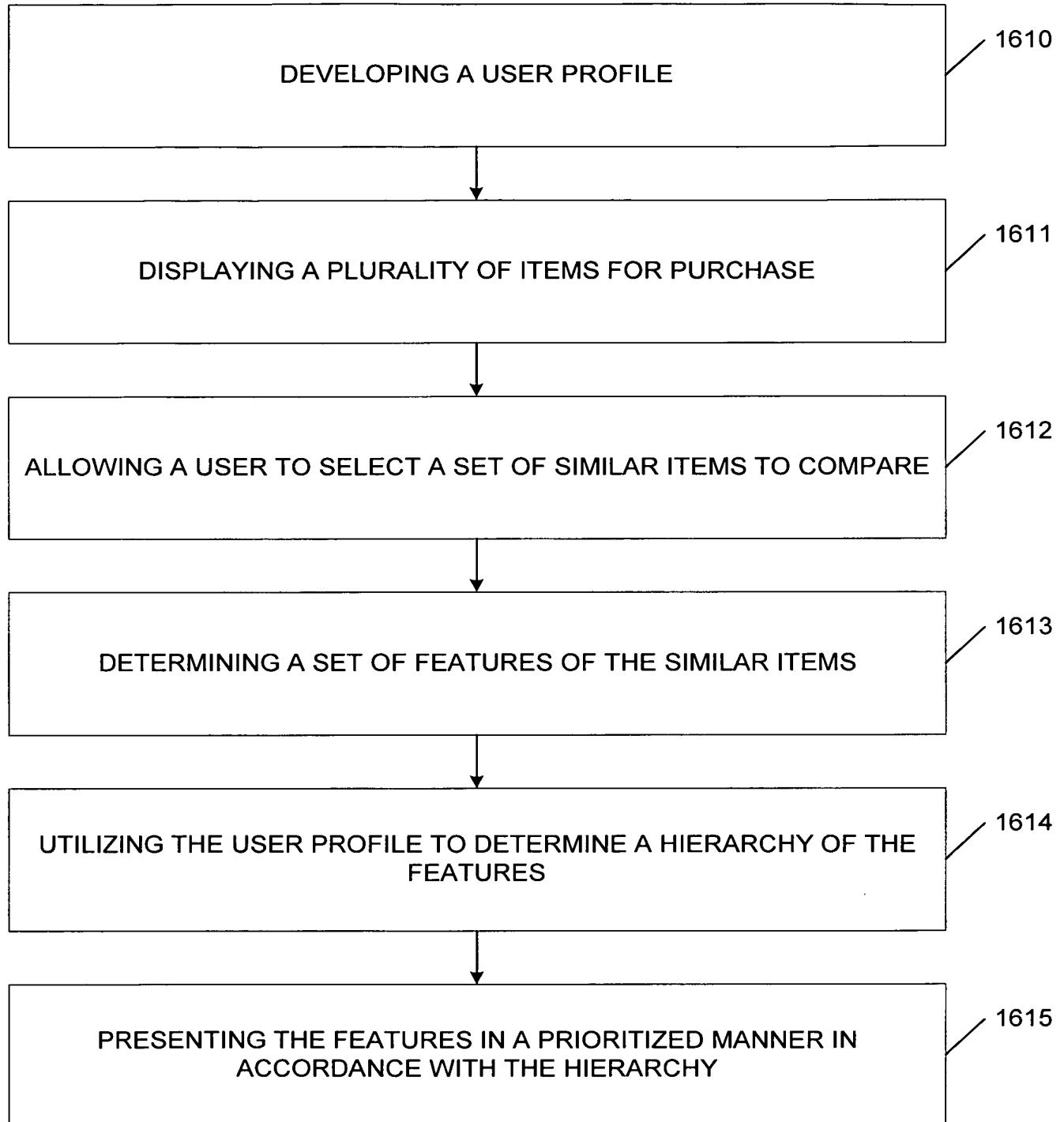


Figure 16



1504

Figure 16A

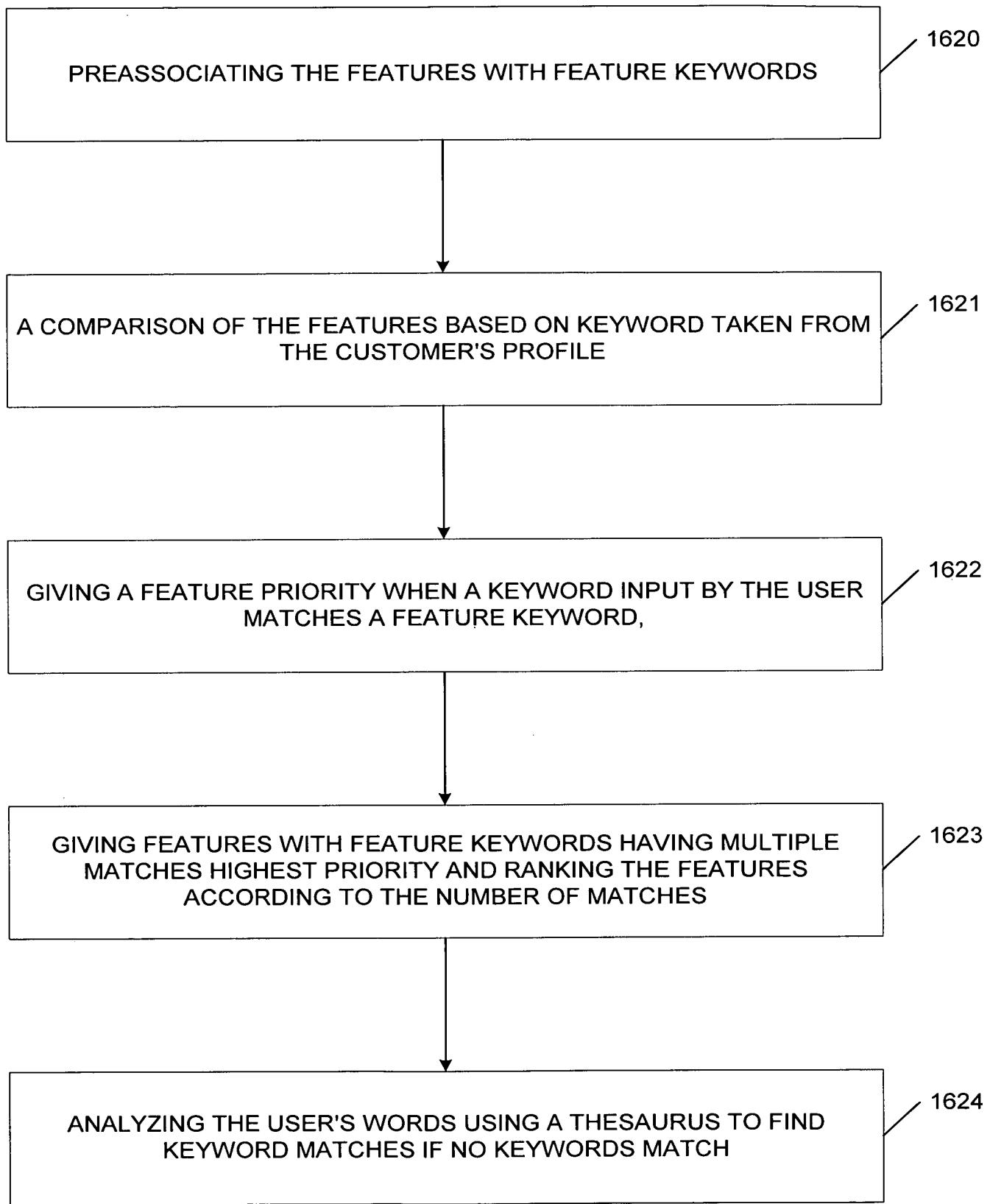


Figure 16B

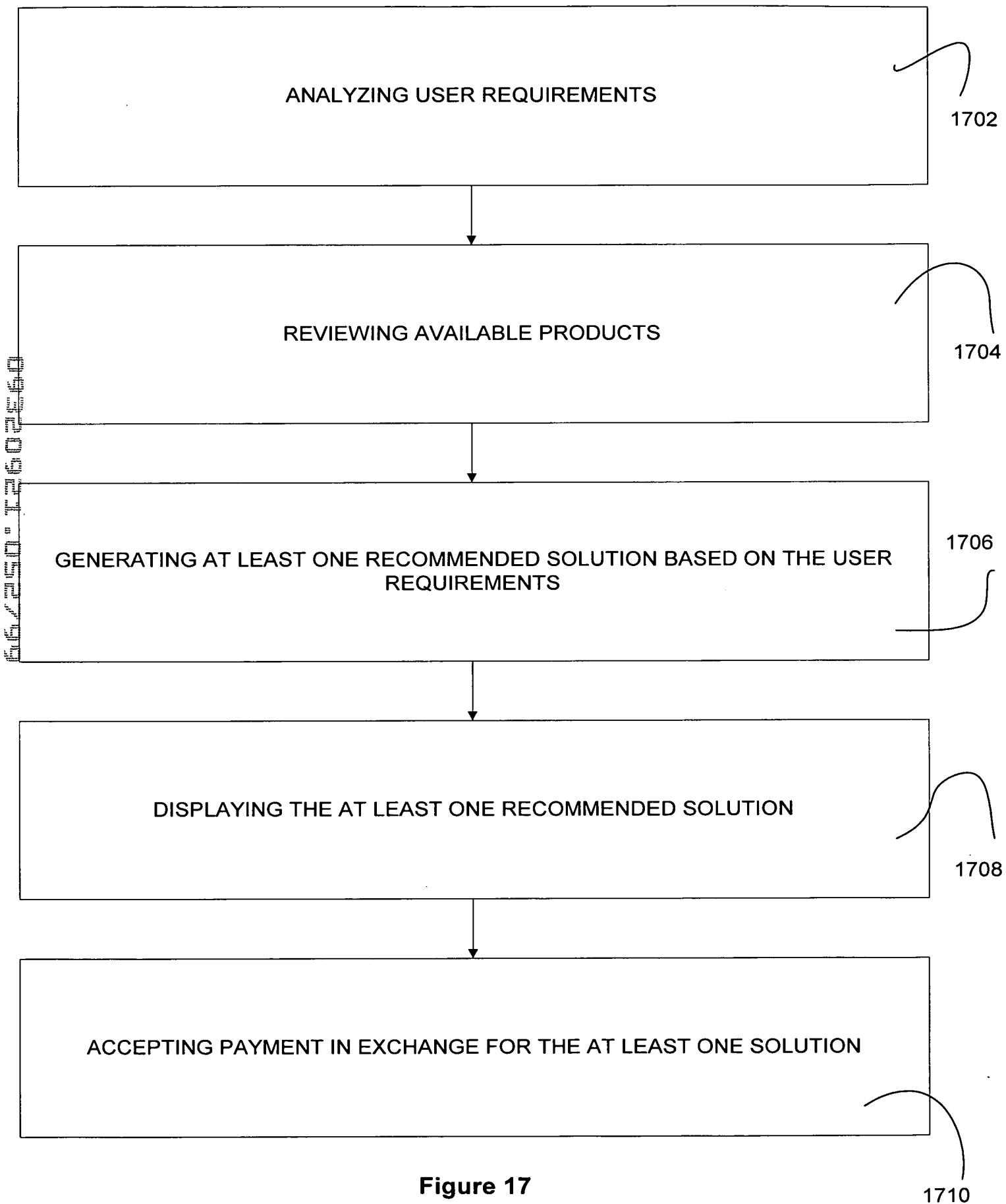


Figure 17

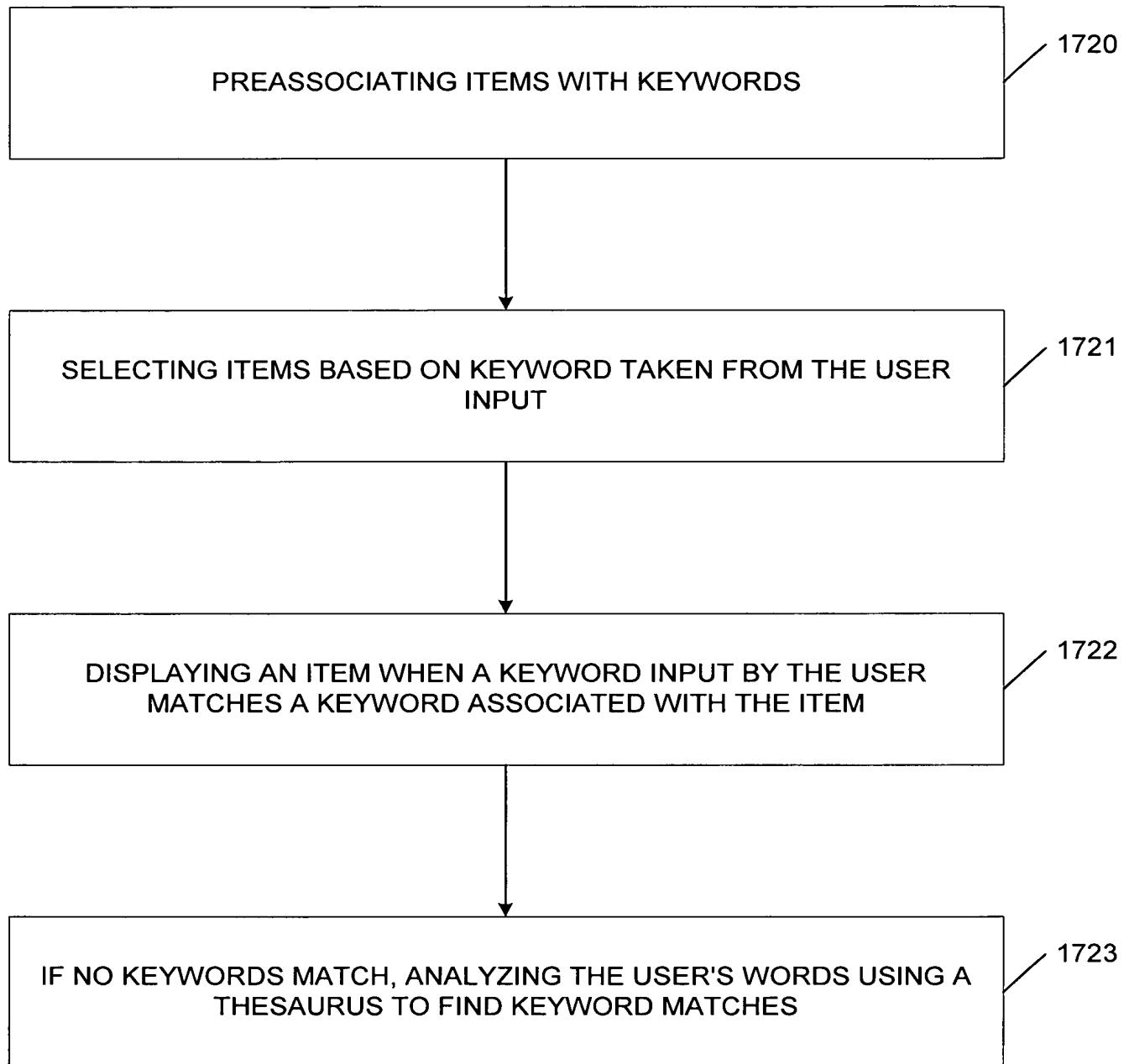


Figure 17A

DISPLAYING A PLURALITY OF ITEMS FOR PURCHASE, WHEREIN EACH OF THE ITEMS INCLUDES A PLURALITY OF AVAILABLE FEATURES

1802

DISPLAYING THE AVAILABLE FEATURES OF THE ITEMS

1803

ALLOWING A USER TO SELECT THE AVAILABLE FEATURES OF EACH OF THE ITEMS TO BE PURCHASED

1804

DETERMINING A PRICE AND AVAILABILITY OF THE SELECTED ITEMS AND THE SELECTED FEATURES THEREOF AND DISPLAYING THE SAME

1806

ACCEPTING PAYMENT IN EXCHANGE FOR THE SELECTED ITEMS AND THE SELECTED FEATURES THEREOF

1808

Figure 18

DISPLAYING A PLURALITY OF ITEMS FOR PURCHASE

1902

DISPLAYING ADVERTISEMENT INFORMATION WHICH RELATES TO AT LEAST ONE OF
THE ITEMS DISPLAYED FOR PURCHASE

1903

ALLOWING A USER TO SELECT THE ITEMS FOR PURCHASE

1904

ACCEPTING PAYMENT IN EXCHANGE FOR THE SELECTED ITEMS

1906

Figure 19

662250-1260260

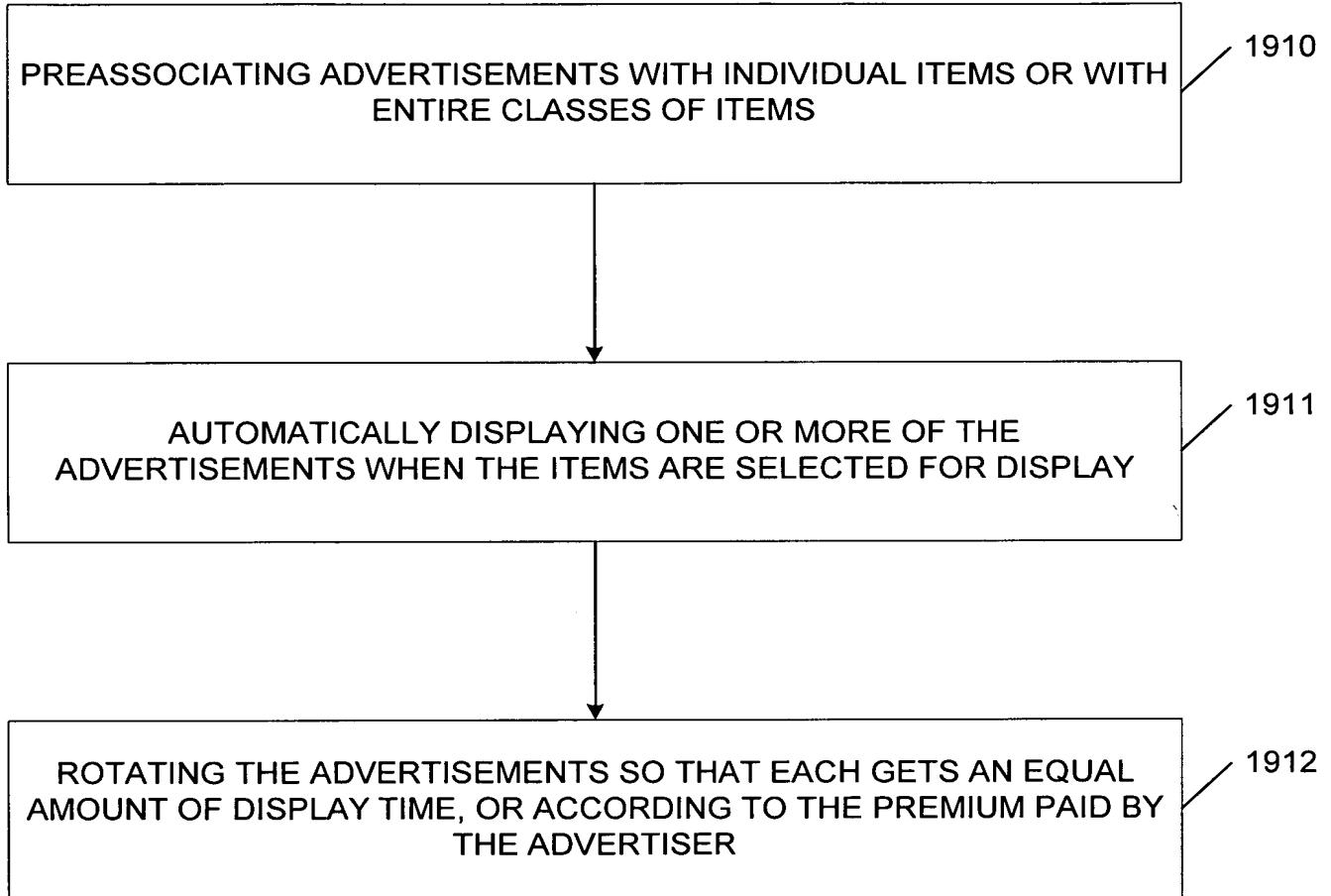
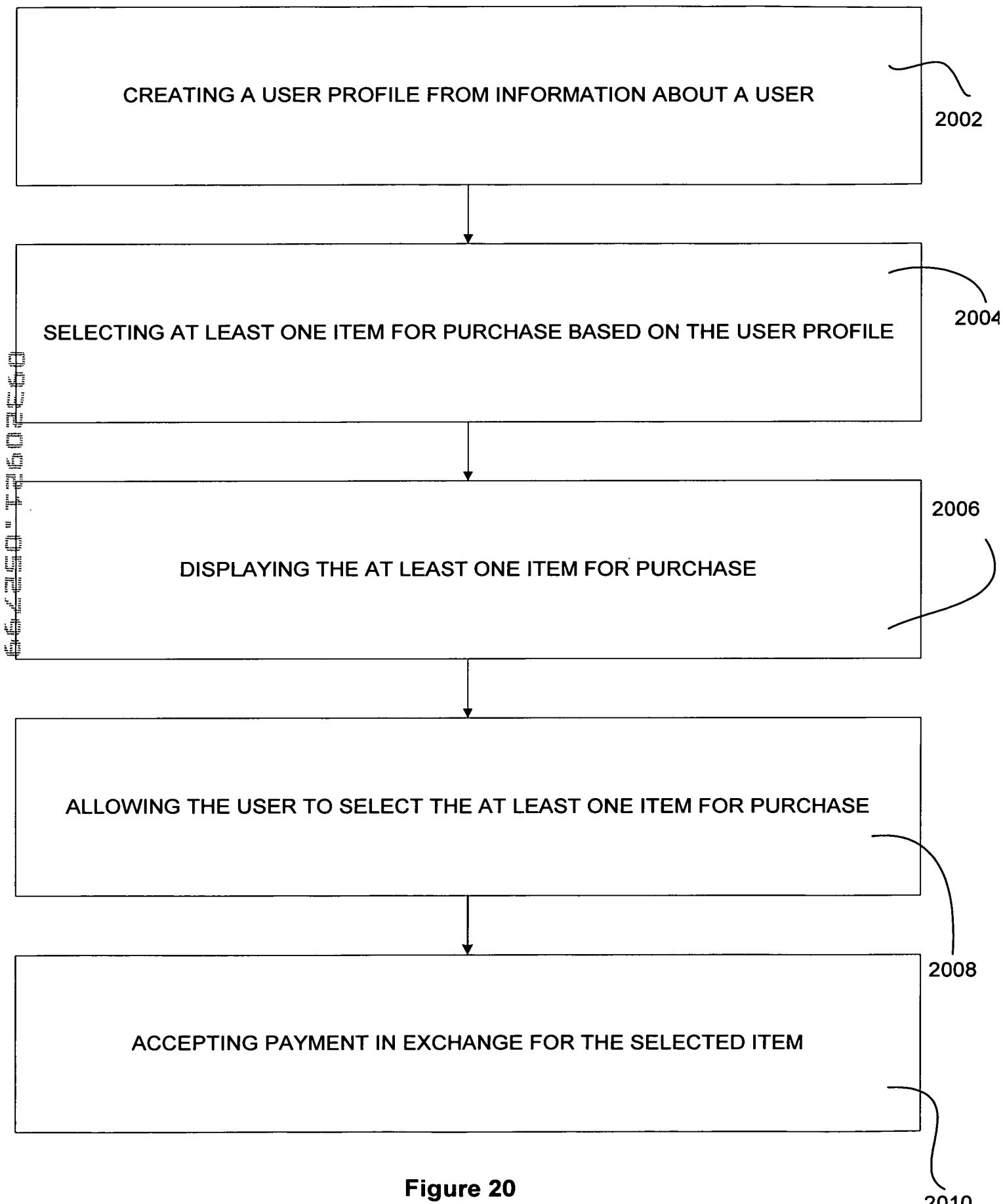
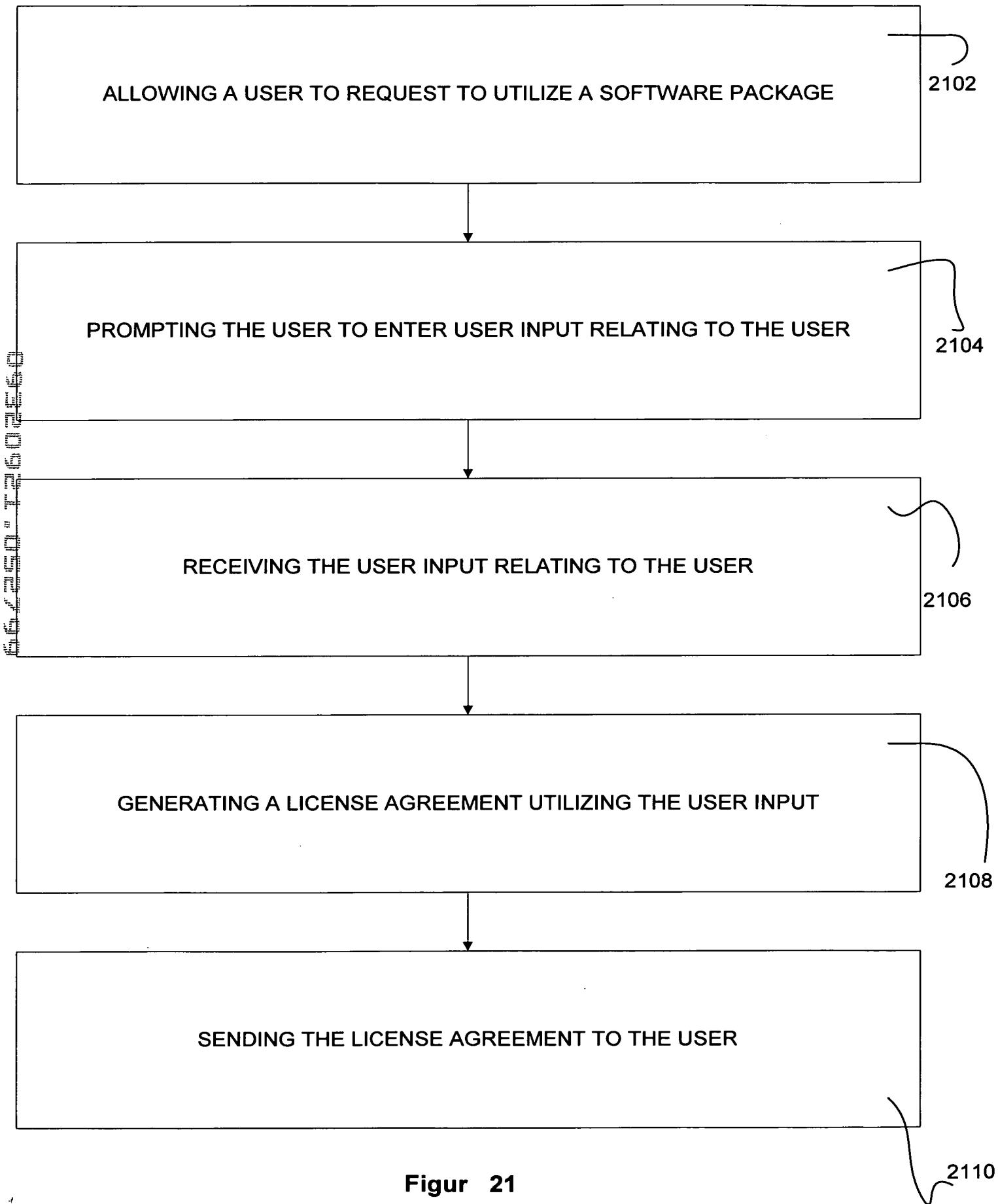


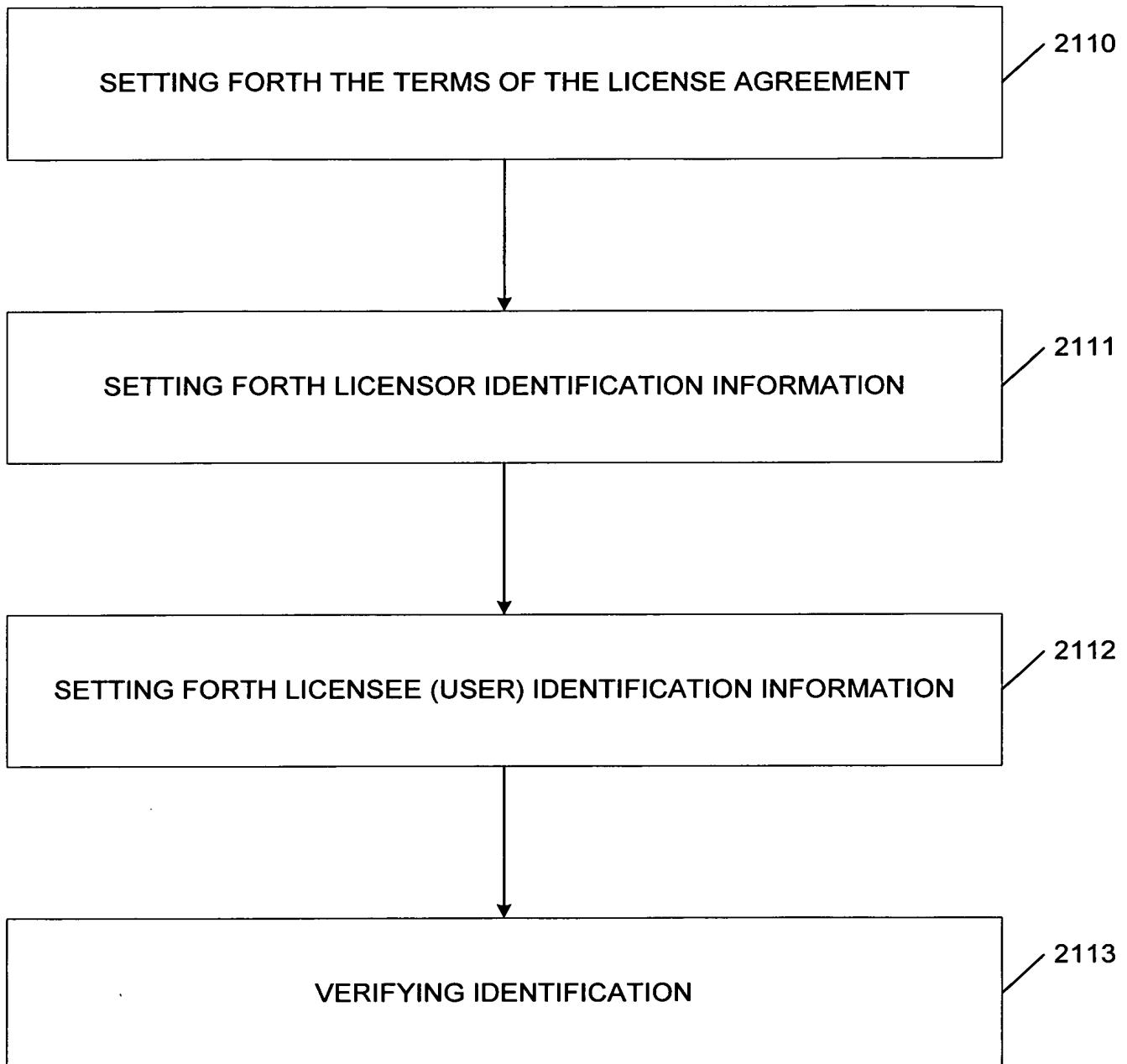
Figure 19A





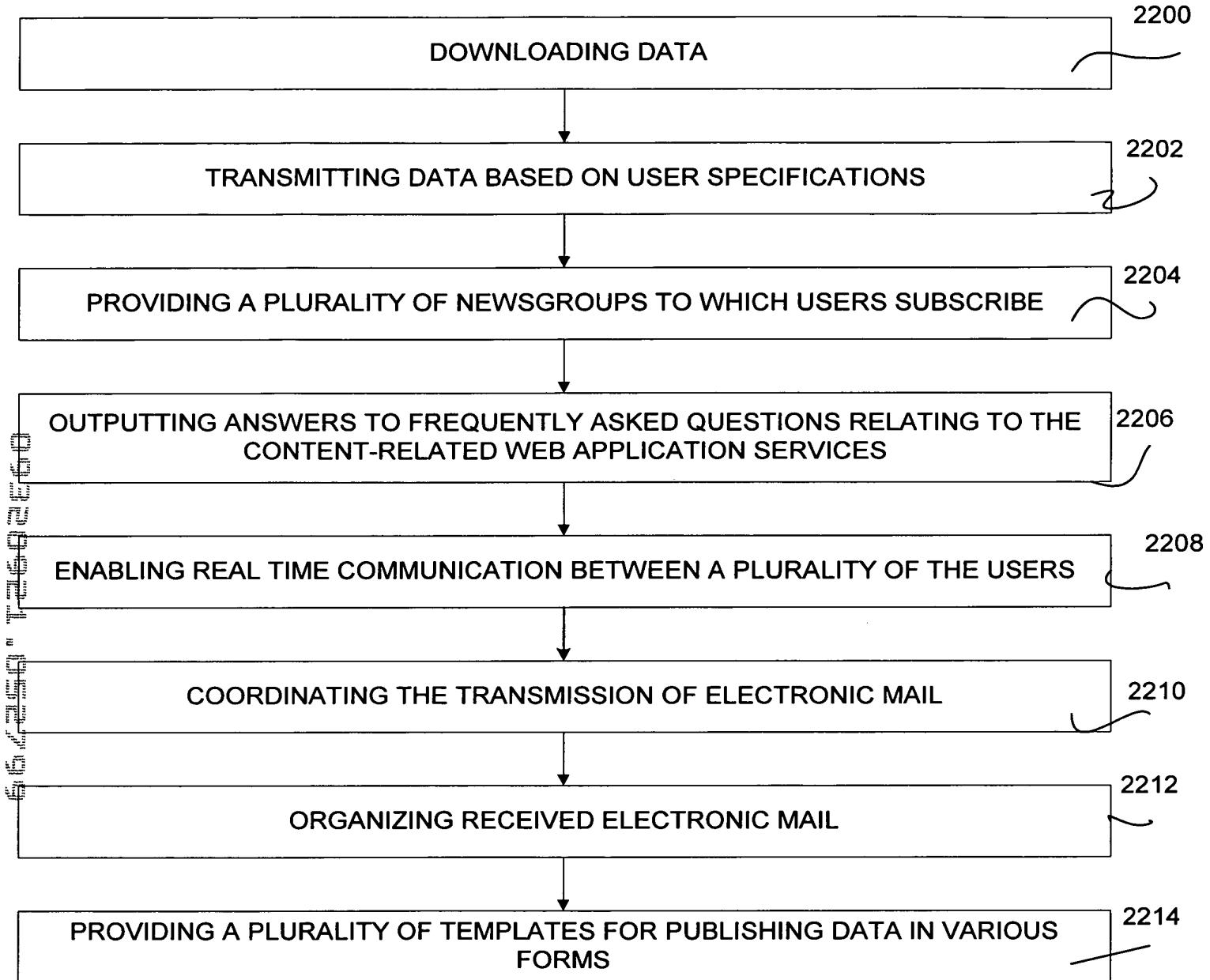
Figur 21

2110



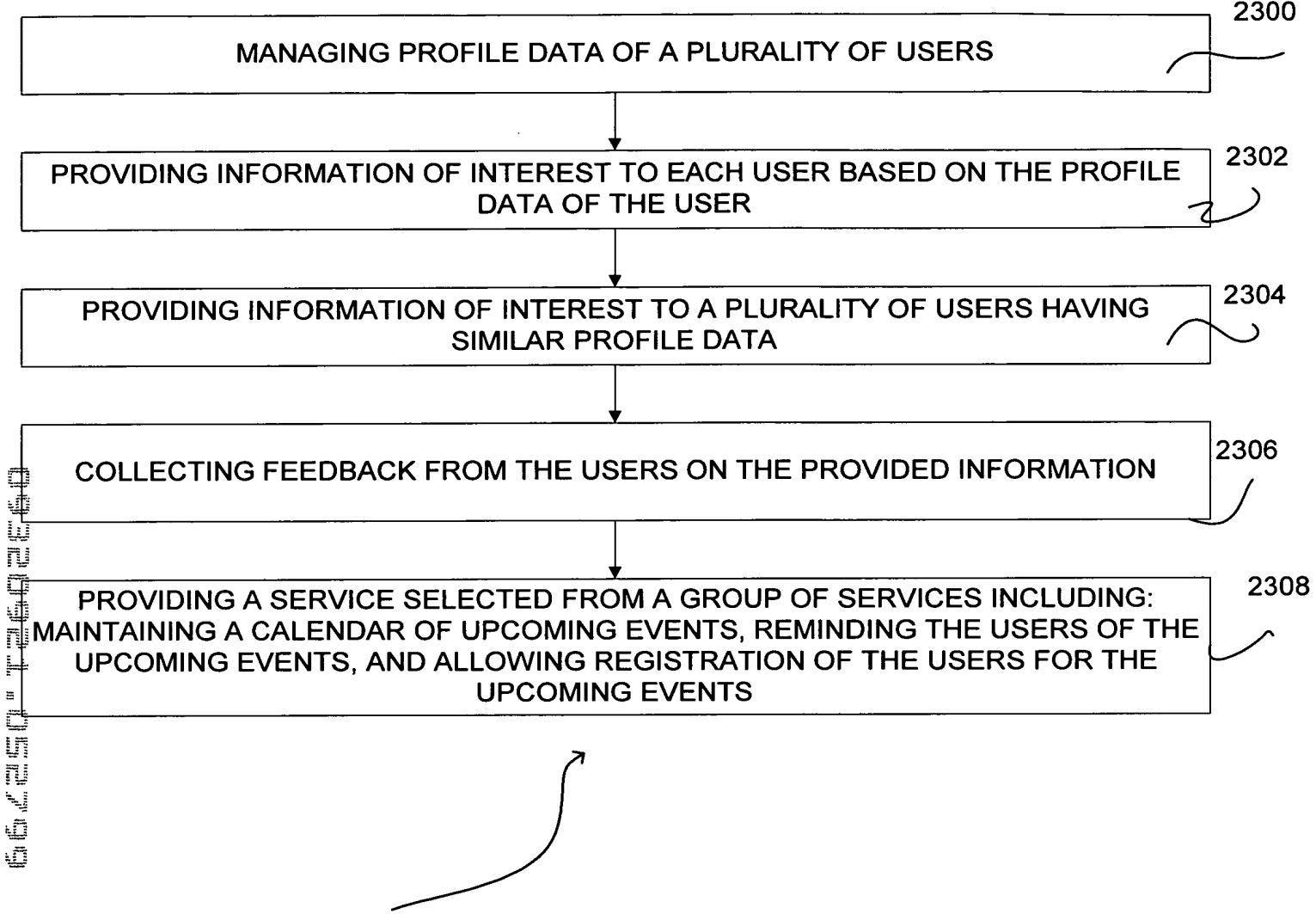
2108

Figur 21A



1402

Figur 22



1406

Figur 23

662250-T250250

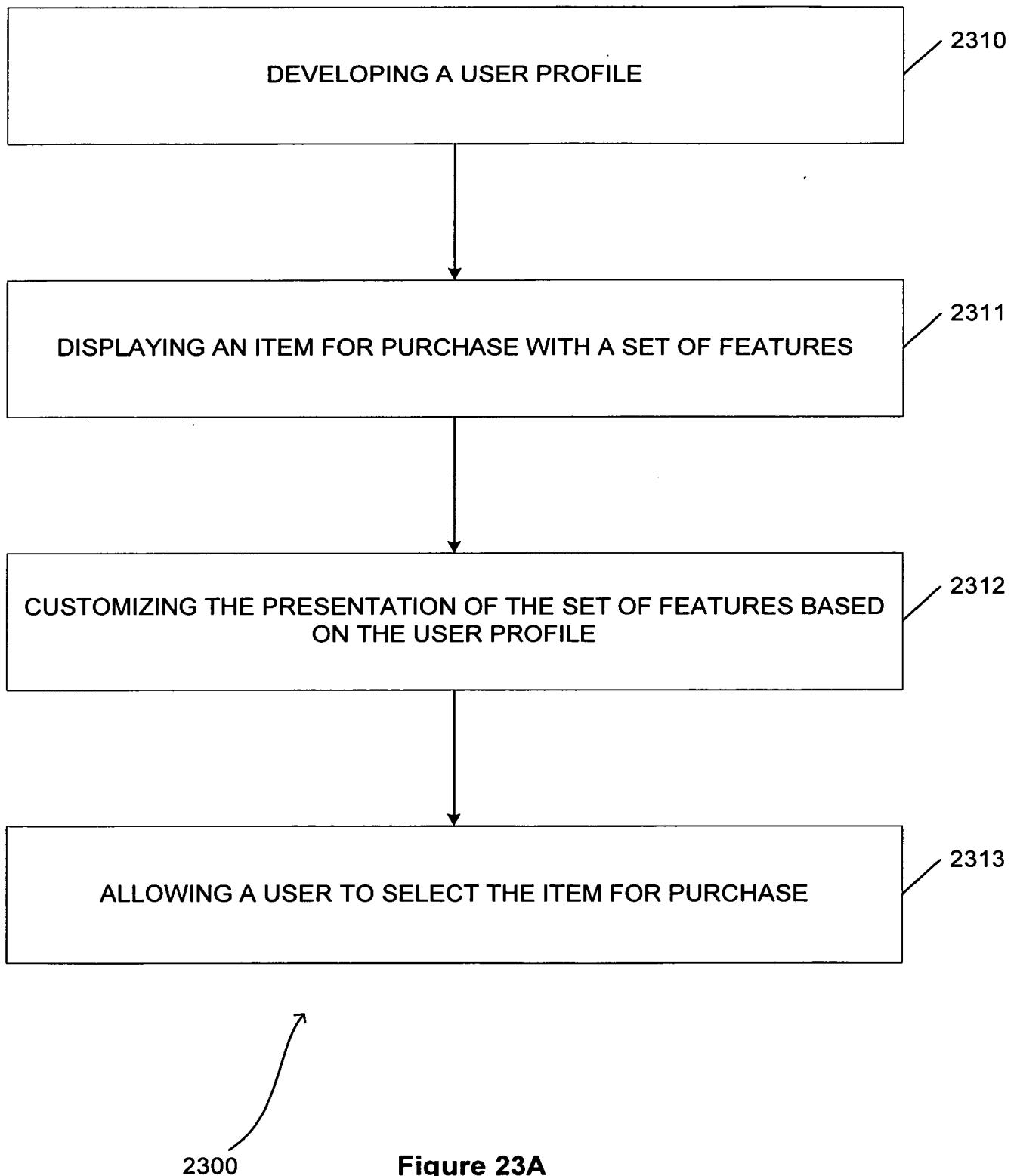
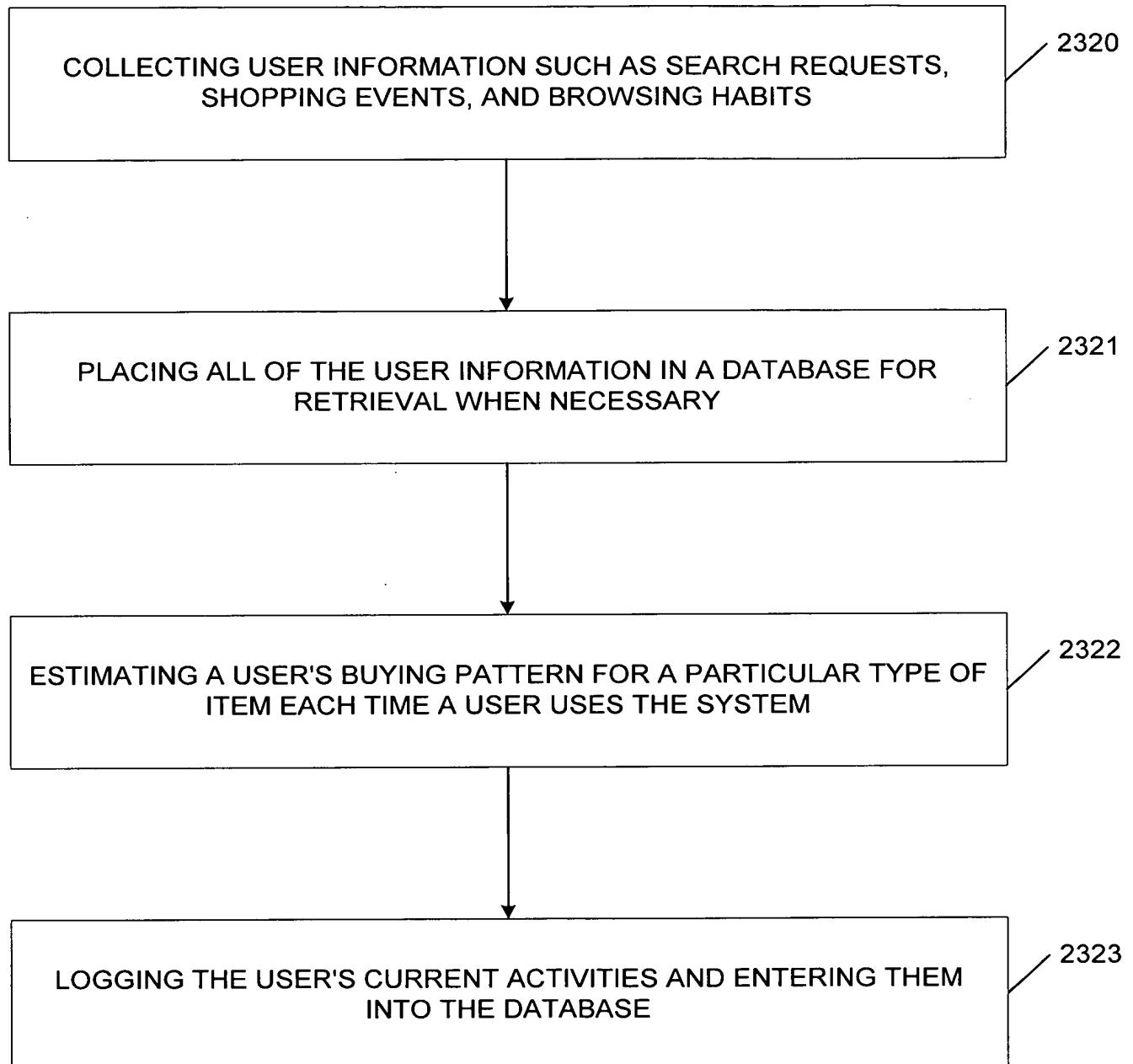


Figure 23A



2310

Figure 23B

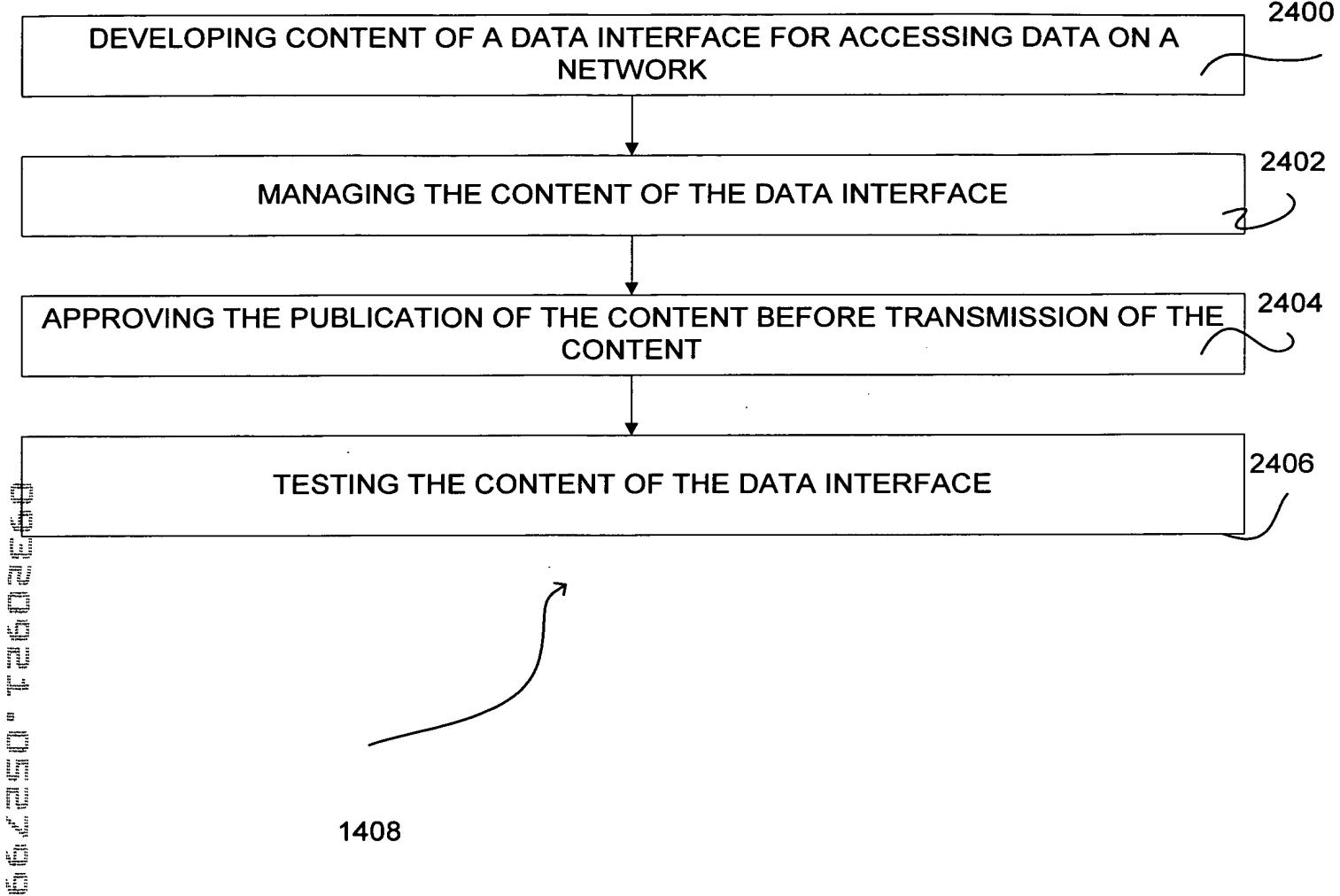
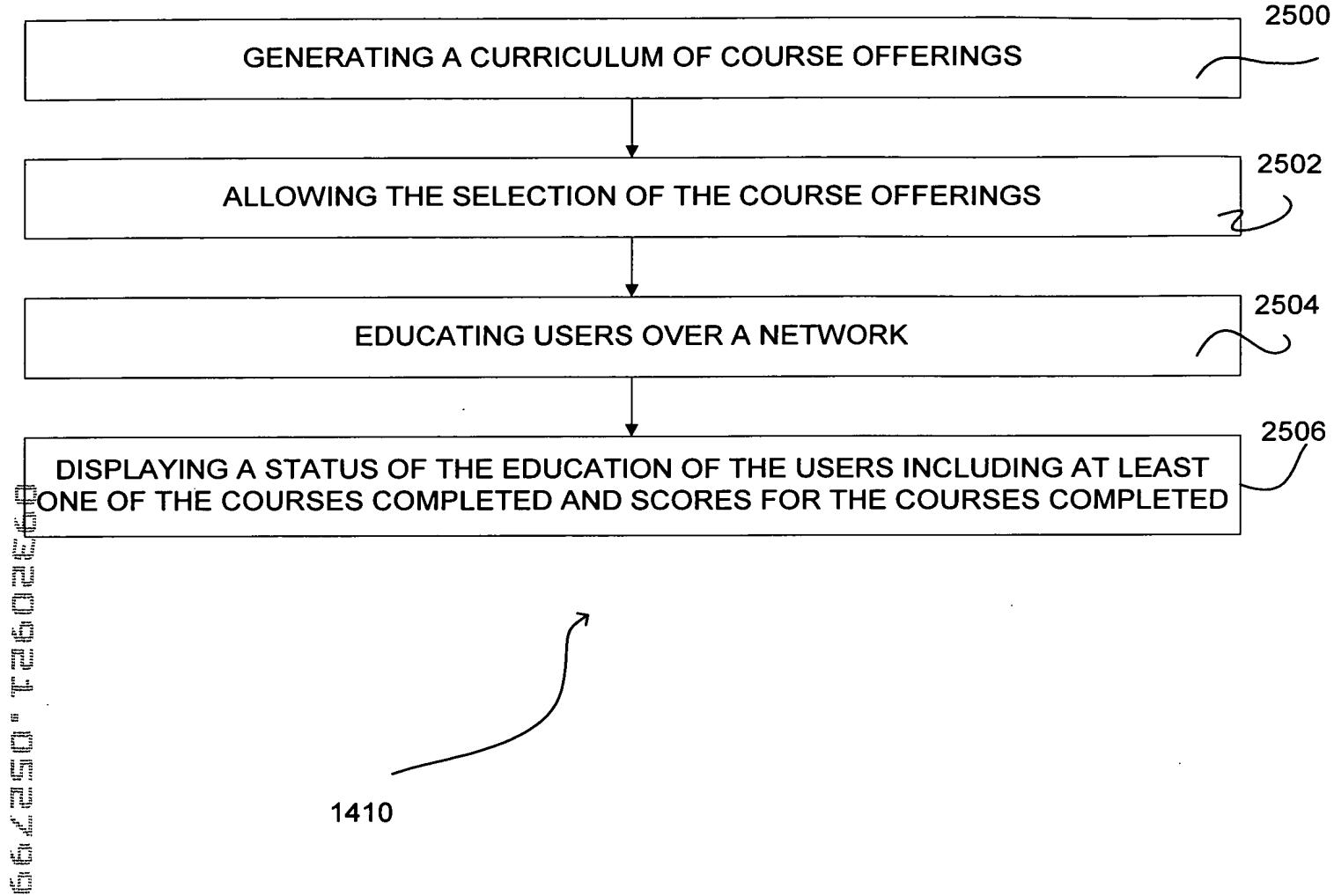
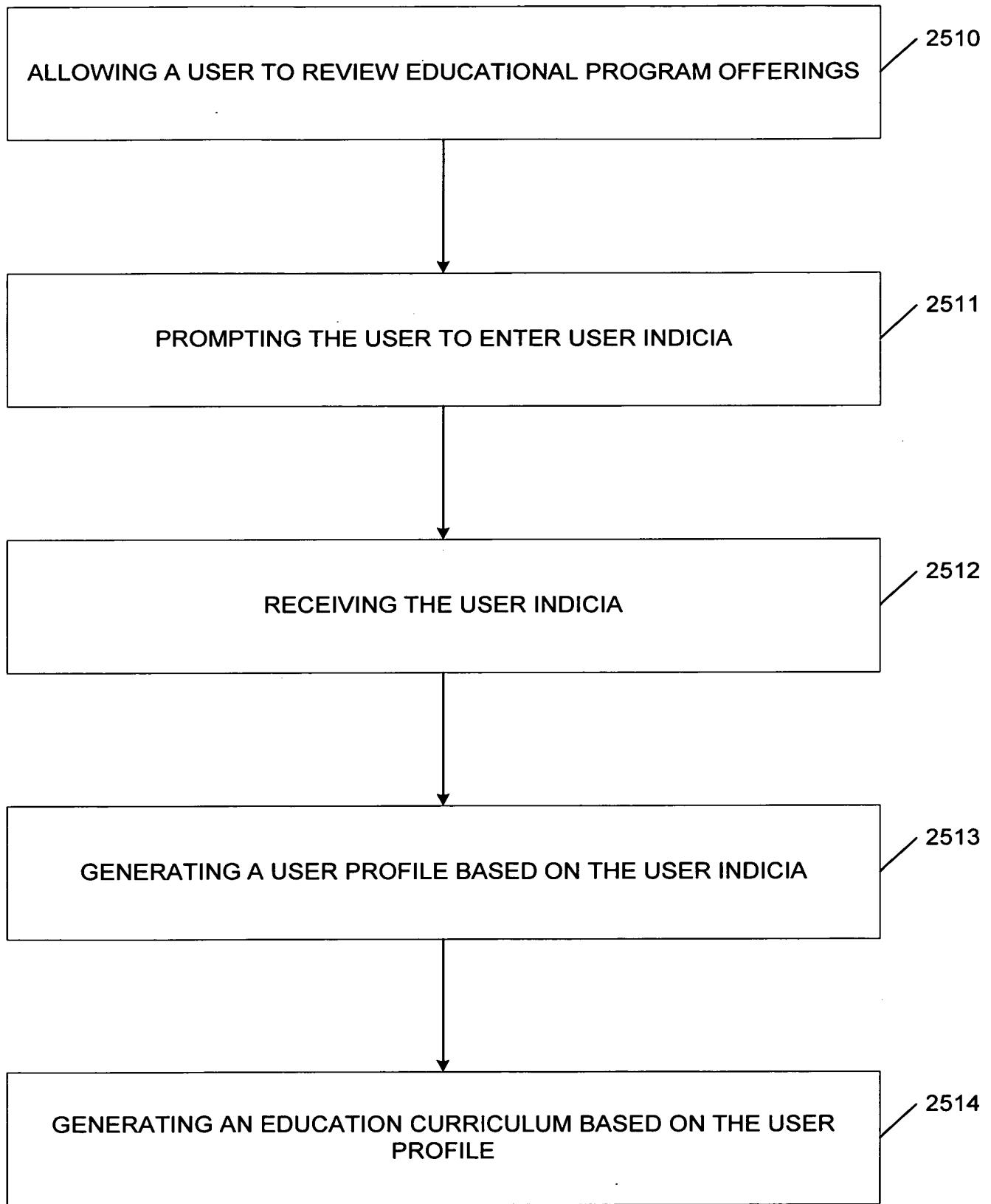


Figure 24



Figur 25

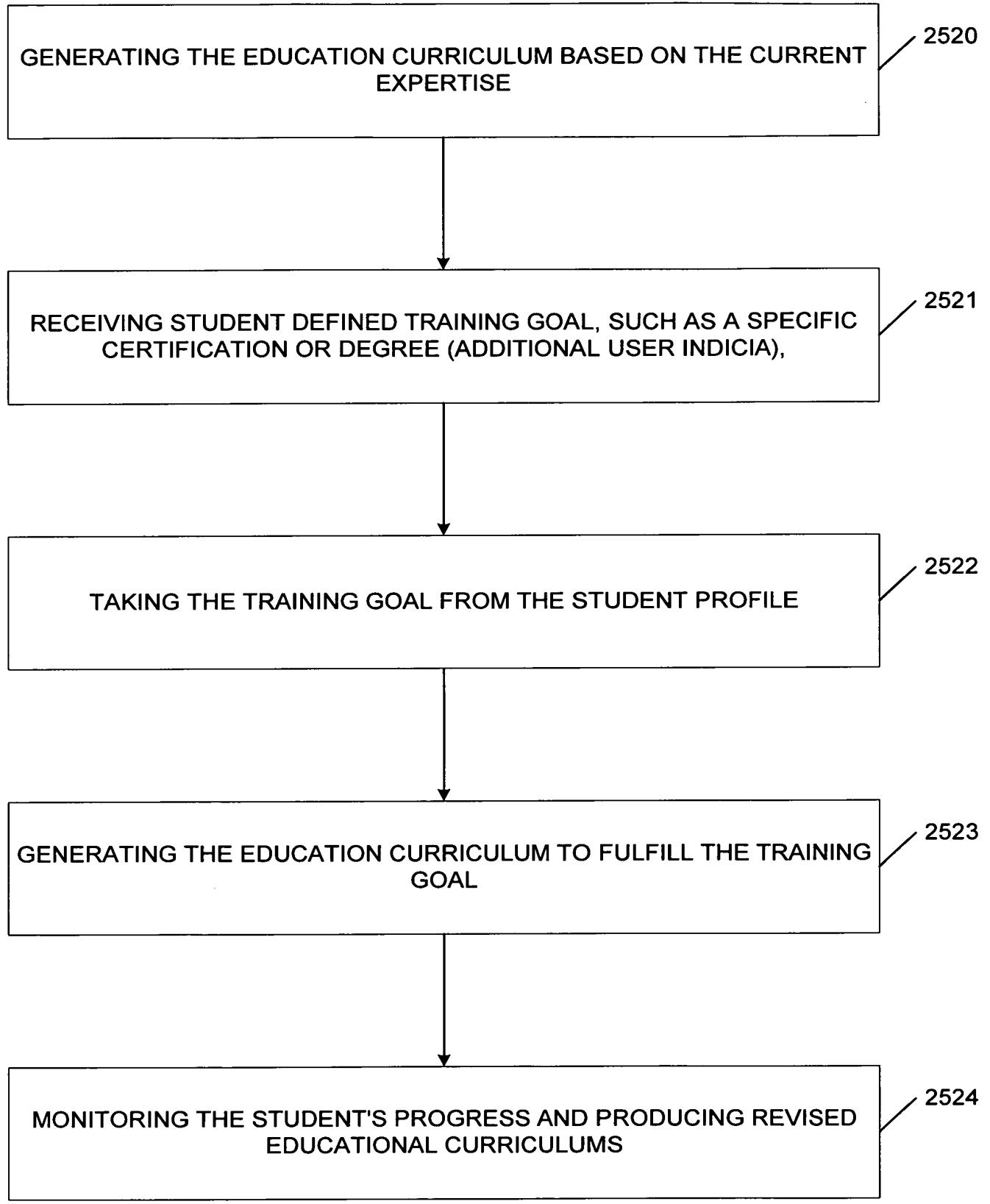
662250-T2602E60



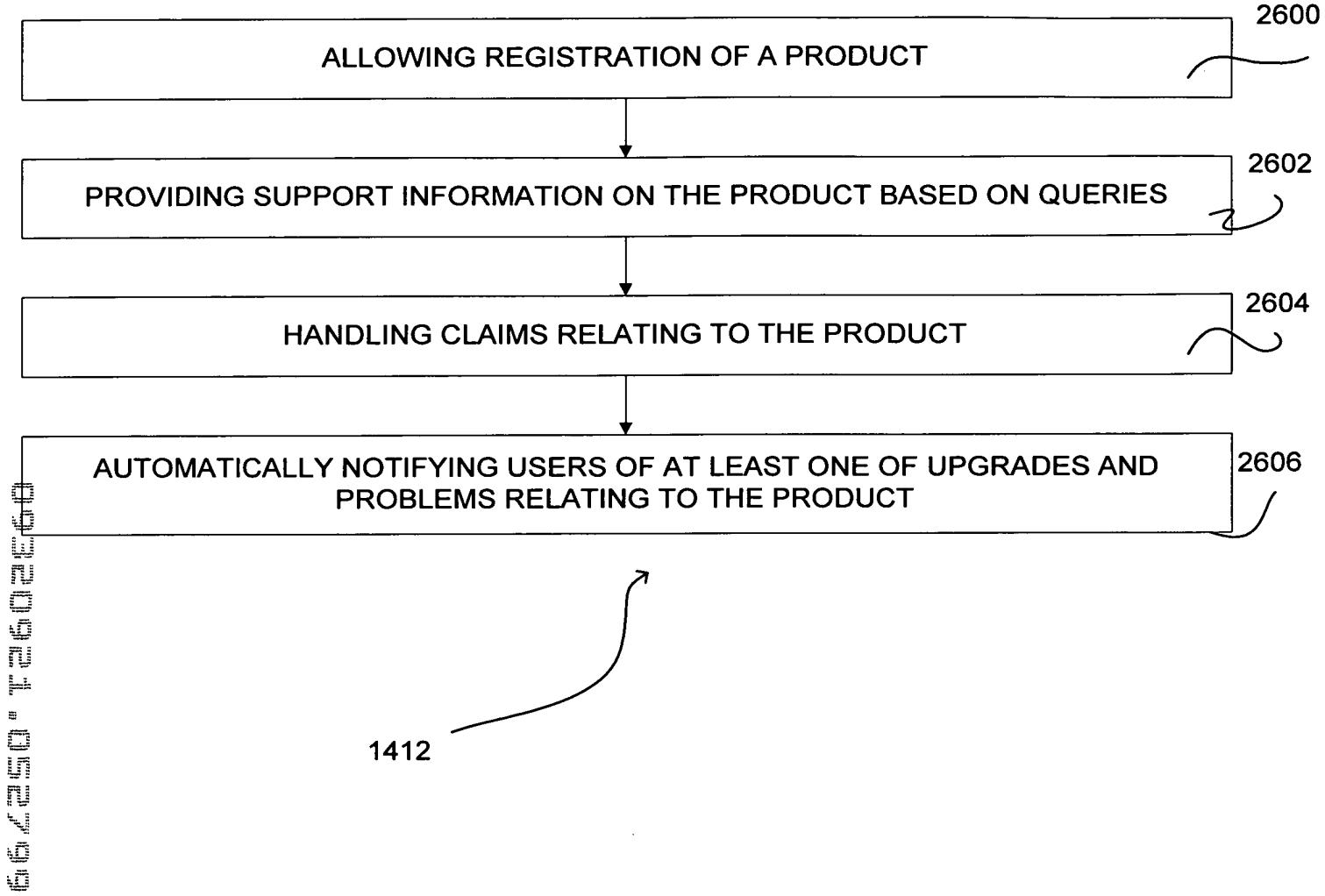
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Figur 25A

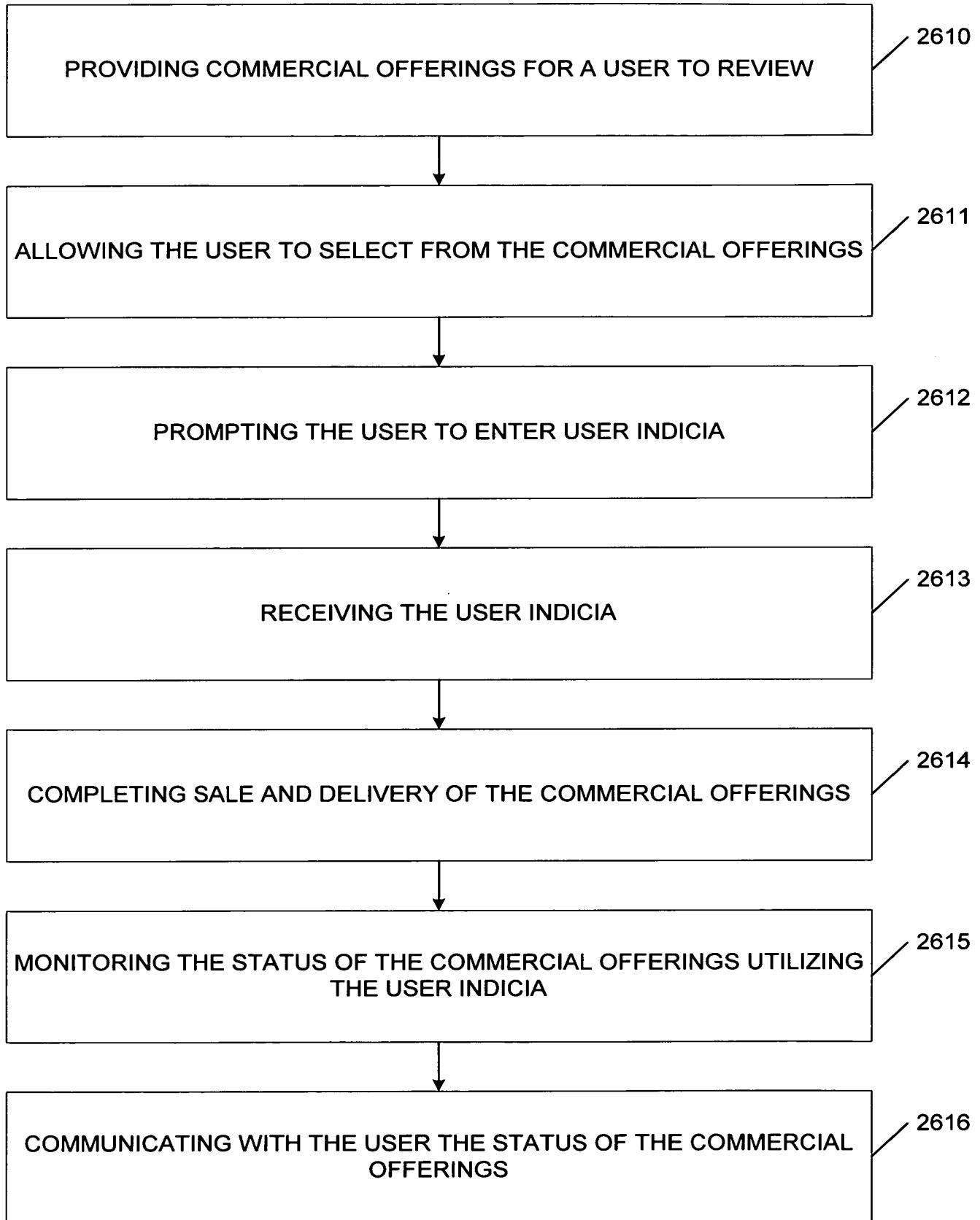
662250-T2502260



Figur 25B



Figur 26



662250-T2602260

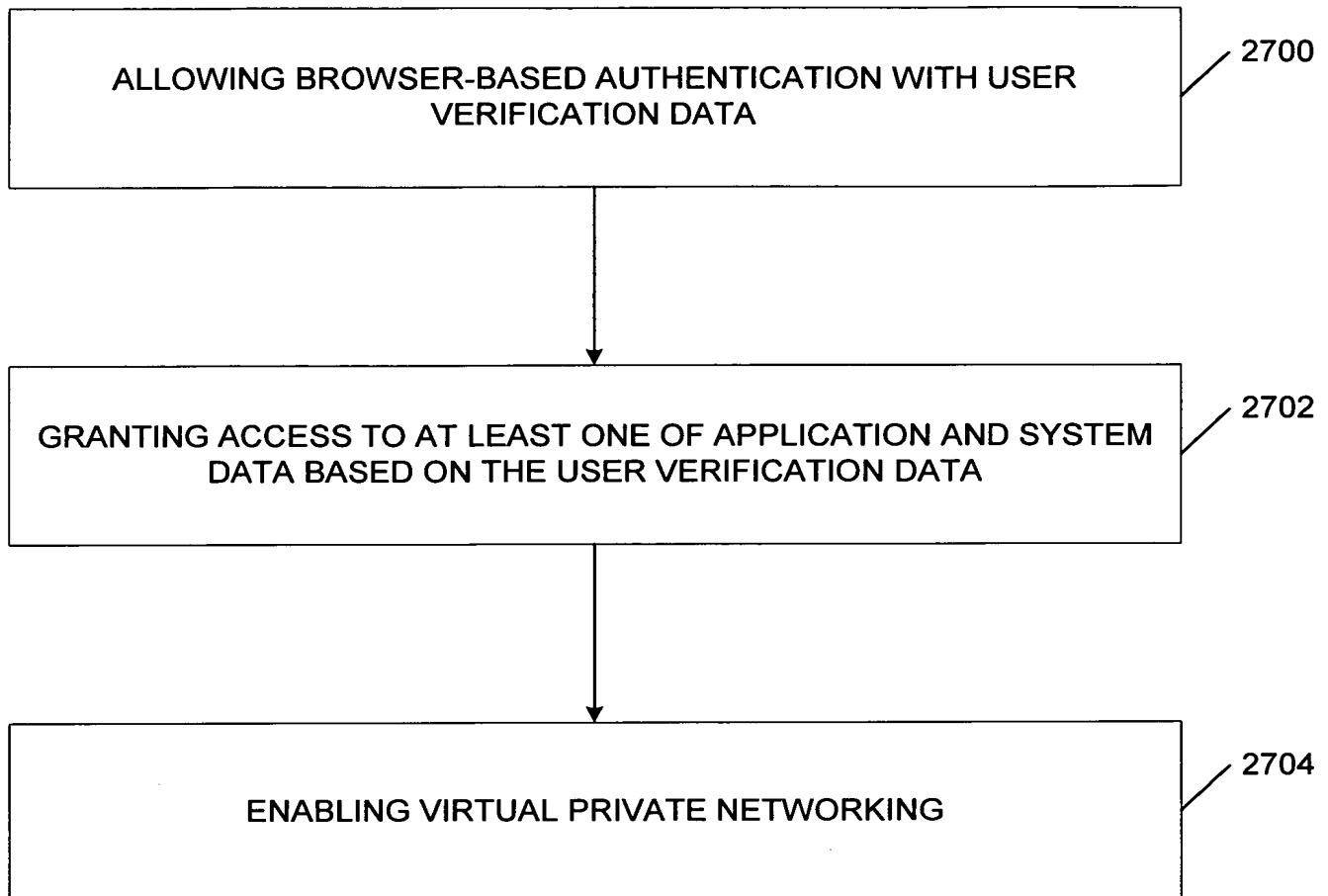


Figure 27

1414

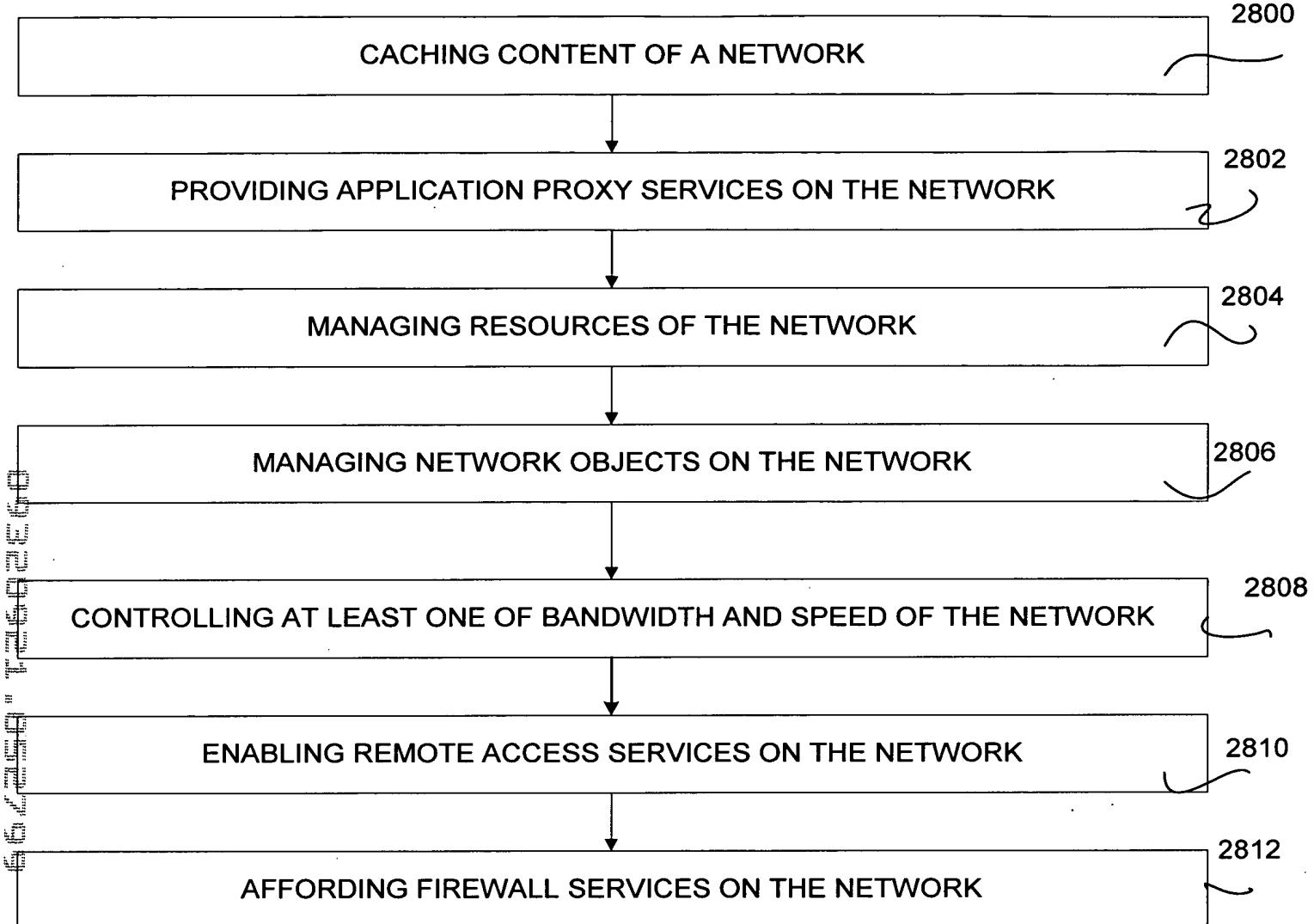
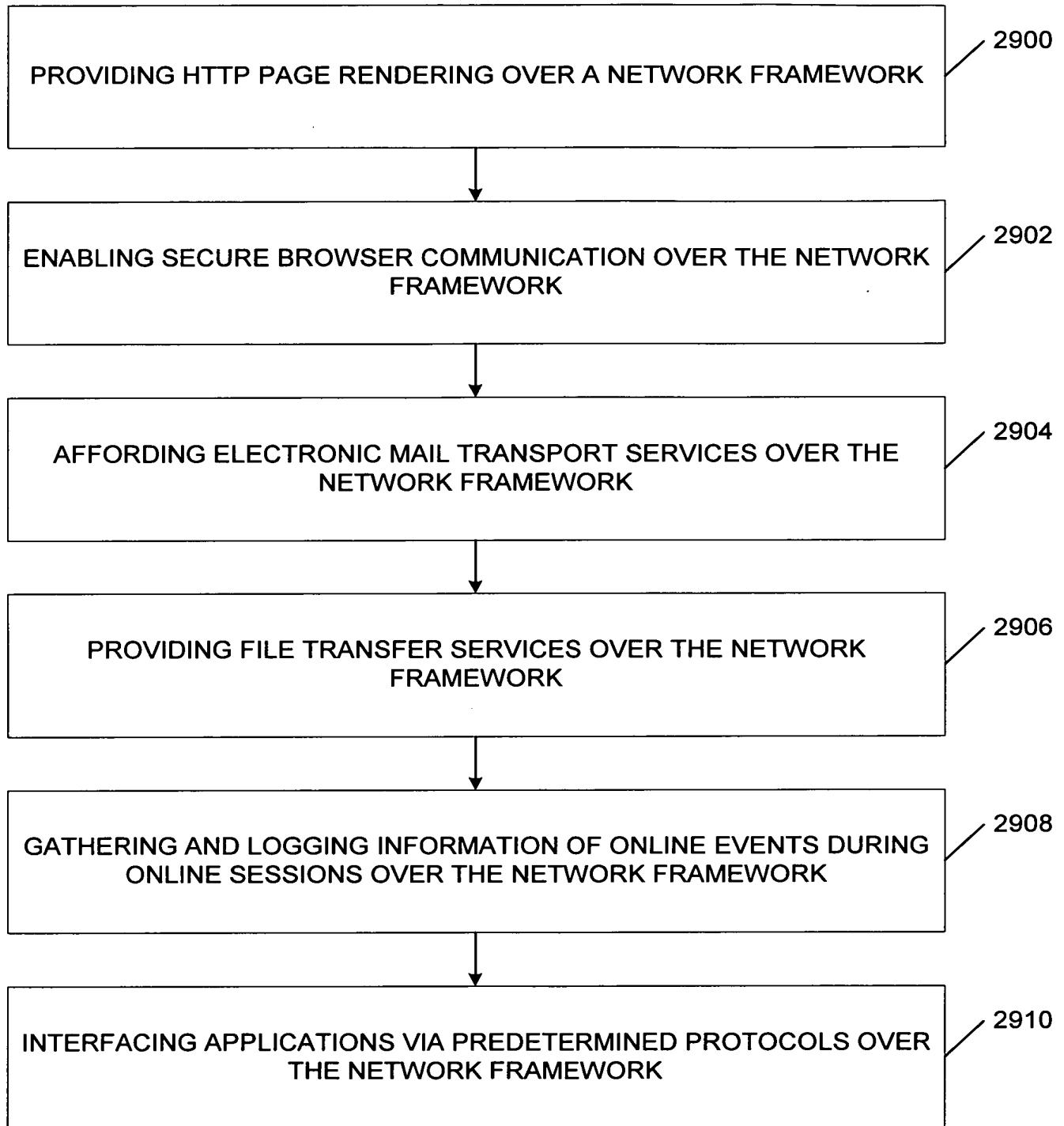
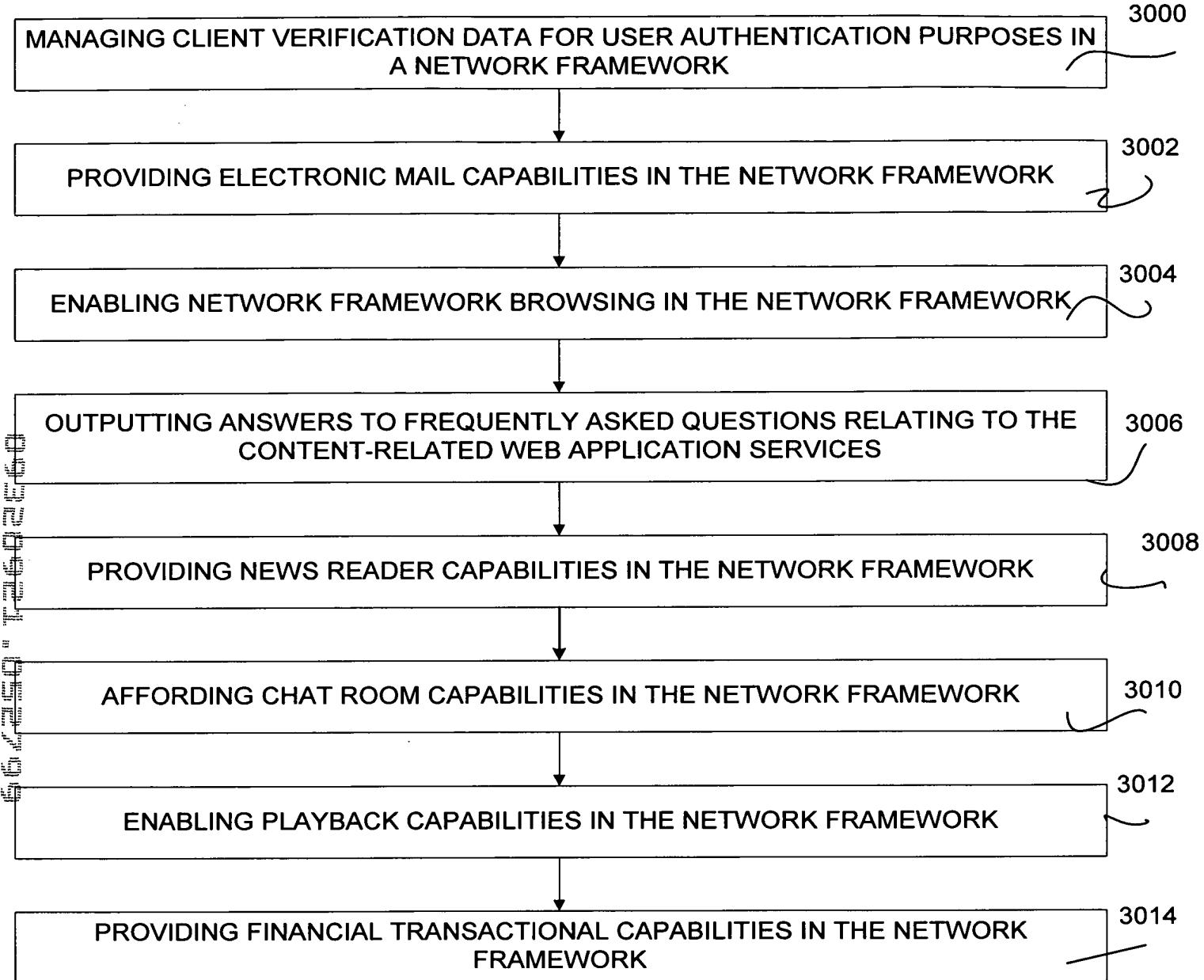


Figure 28



Figur 29



1420

Figur 30

652250146660

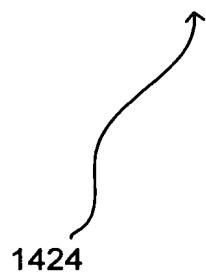
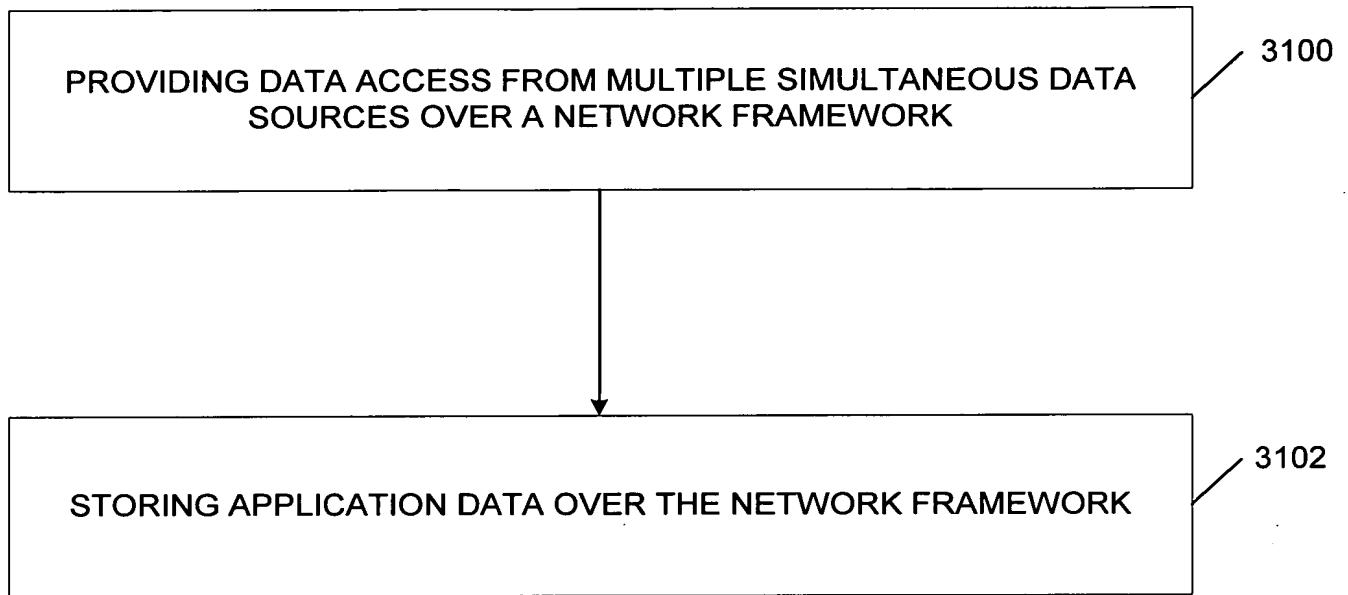


Figure 31

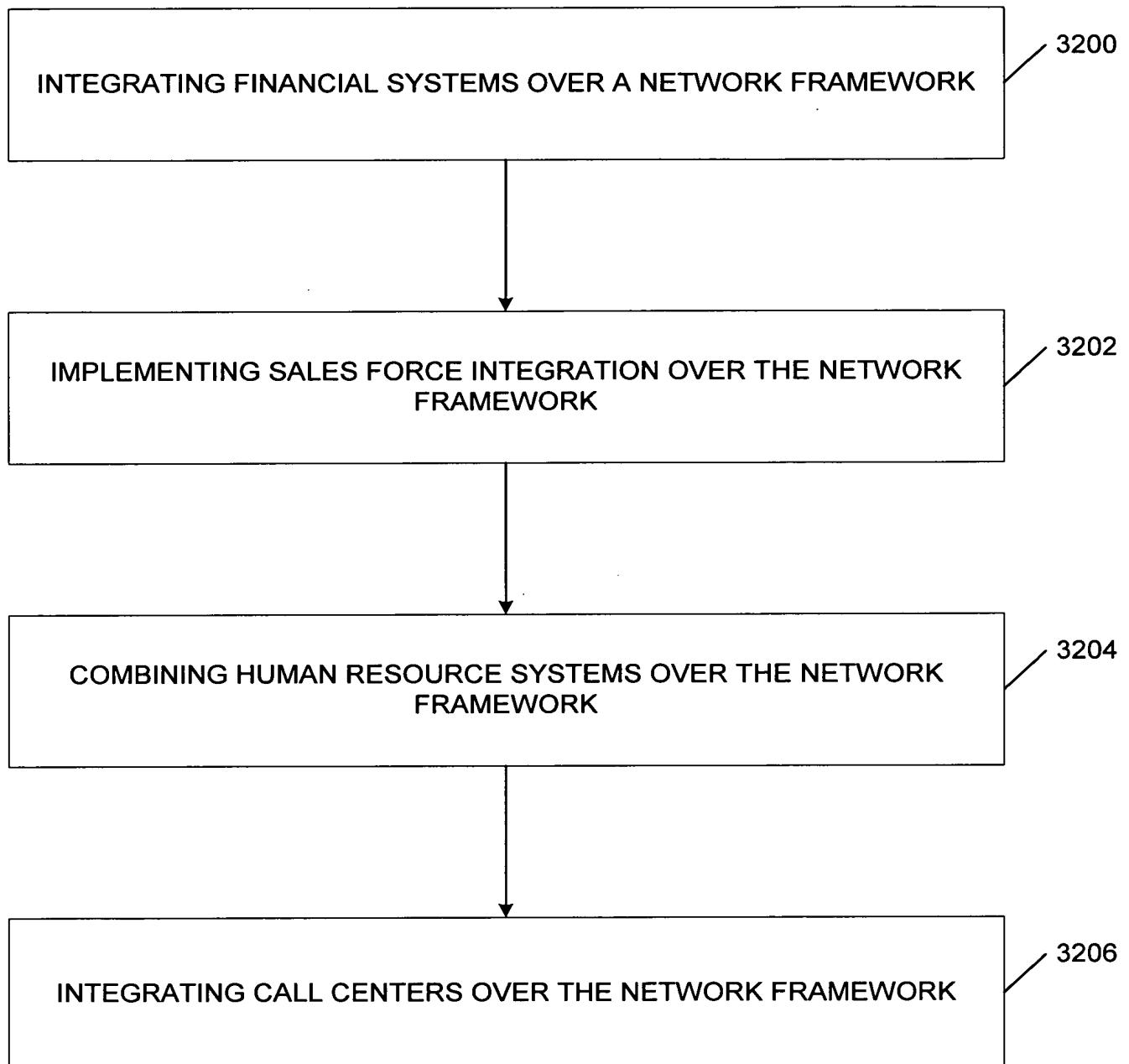
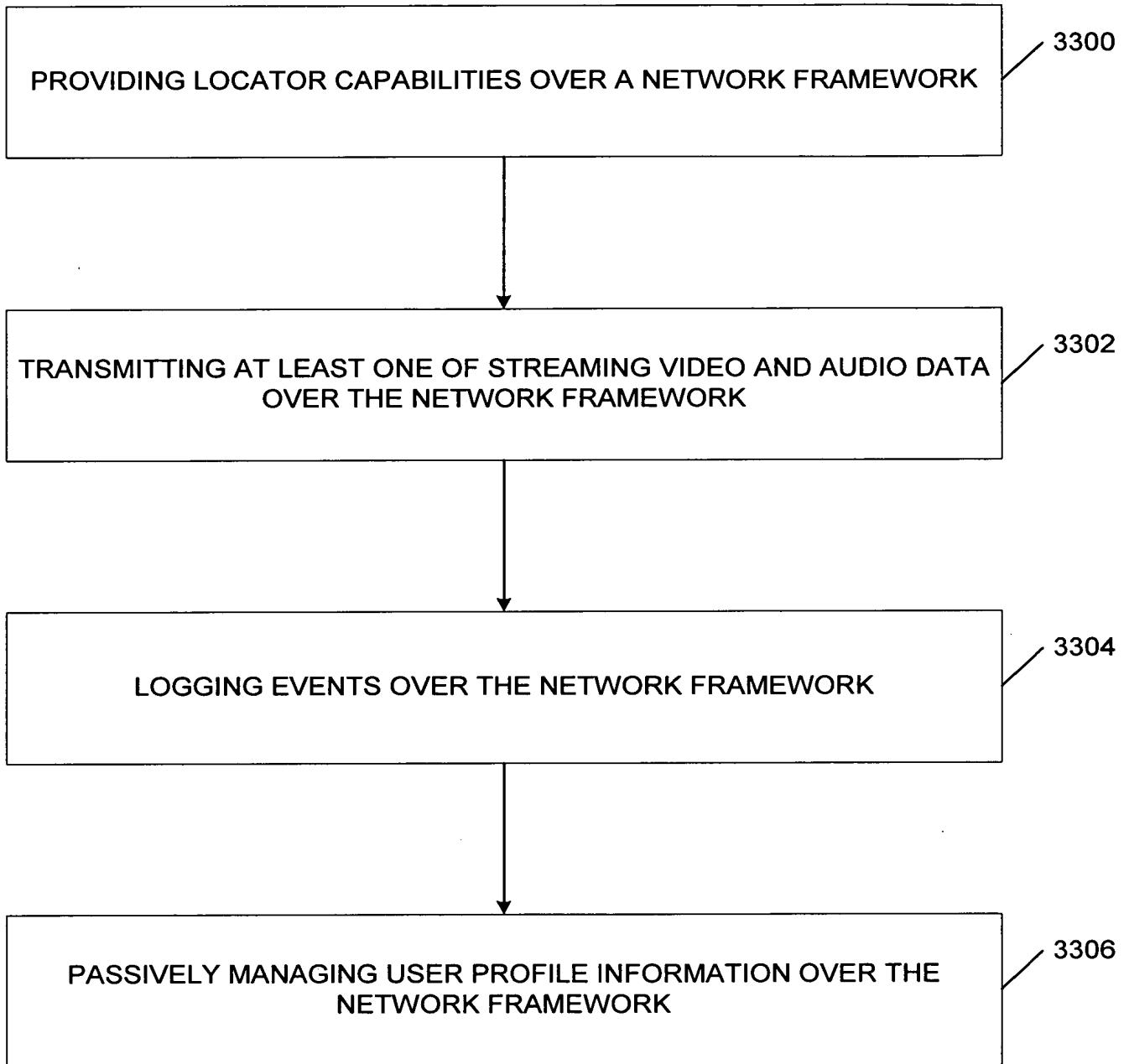


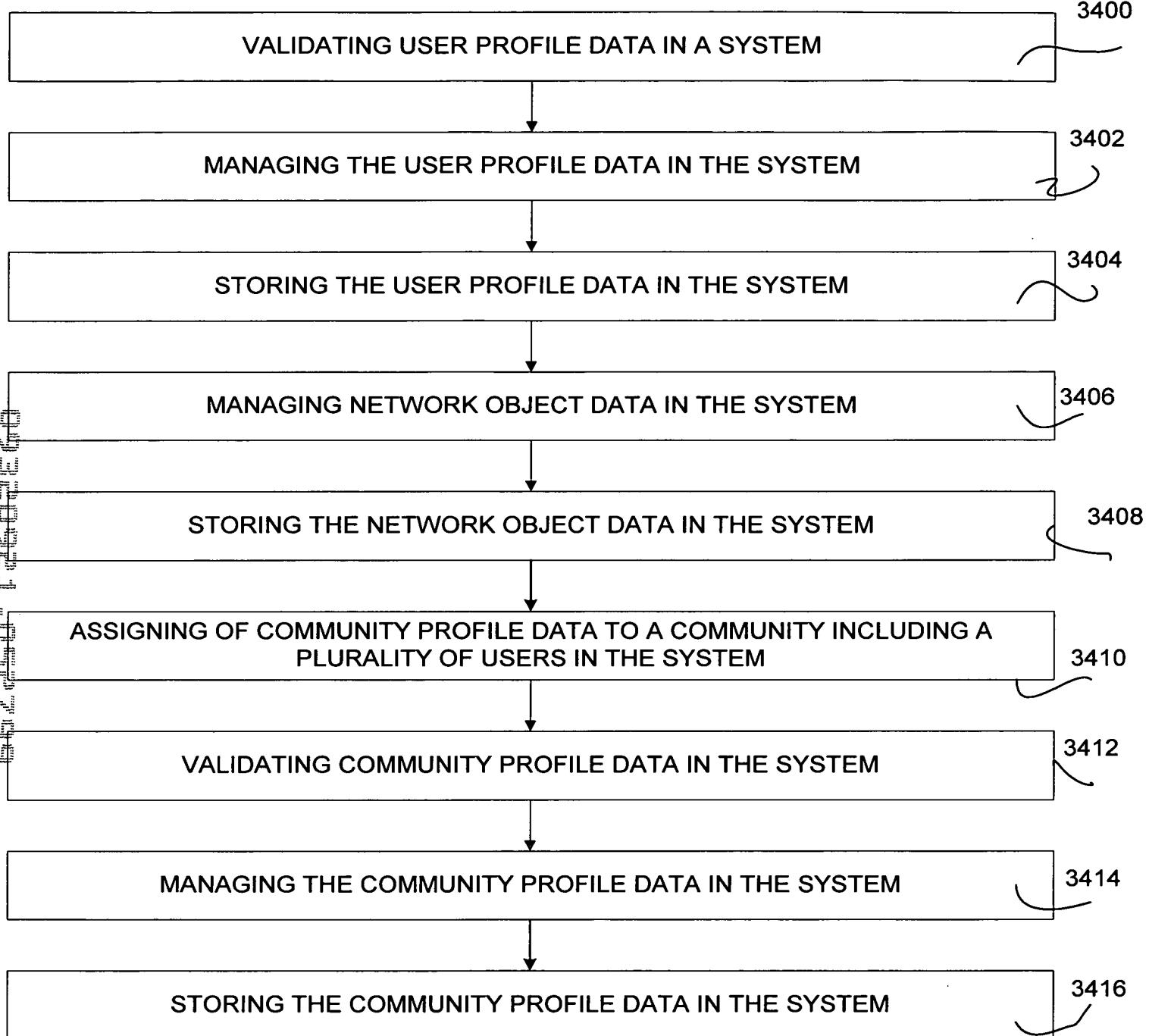
Figure 32

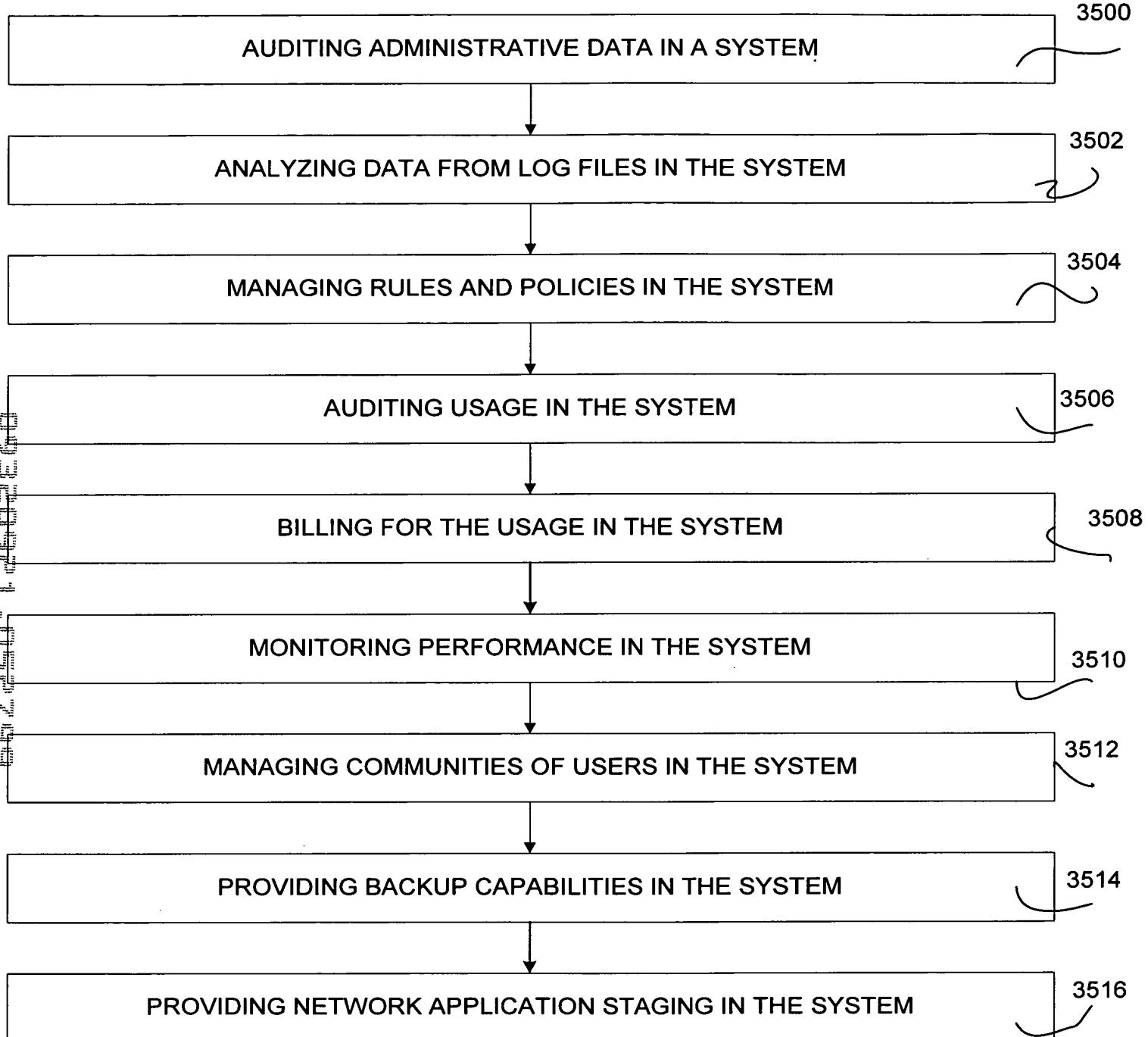
662250-T2602660



1426

Figure 33





00000000000000000000000000000000

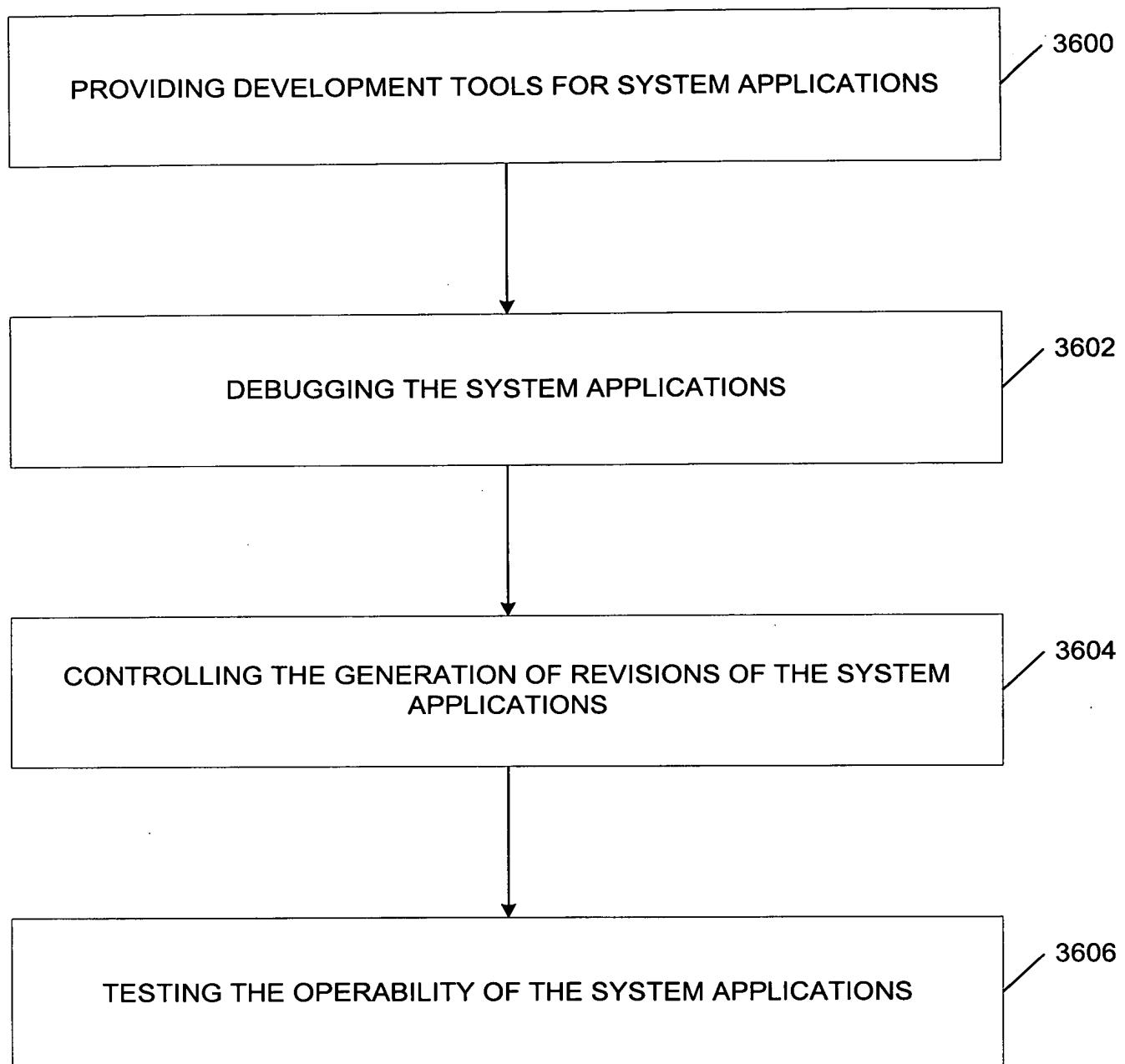


Figure 36